

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Alta Energy Corp. (Texas Domestic) D.-B.-A. Alte Corp.

3. ADDRESS OF OPERATOR

164 North 850 West, Vernal, Utah 84078 (801) 789-5390

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface

2229' FWL 1129' FNL Section 7, T9S, R17E, S.L.M.

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

14 miles South of Myton, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

1129'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6149'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5319'

22. APPROX. DATE WORK WILL START\*

A.S.A.P.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	32# K-40	250'	Circulate to surface
7 7/8"	5 1/2"	15.5# J-55	6231'	Class H 2% Calcium Chloride to above Oil Shale Base approxi- mately 2500'

See Attachments:

10 Point  
B.O.P.  
Location Plat  
13 Point Surface Use Plan  
Cut Sheet  
Topo. Map "A"  
Topo. Map "B"

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 6/12/84  
BY: John R. Bays

RECEIVED

MAY 30 1984

DIVISION OF OIL  
GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

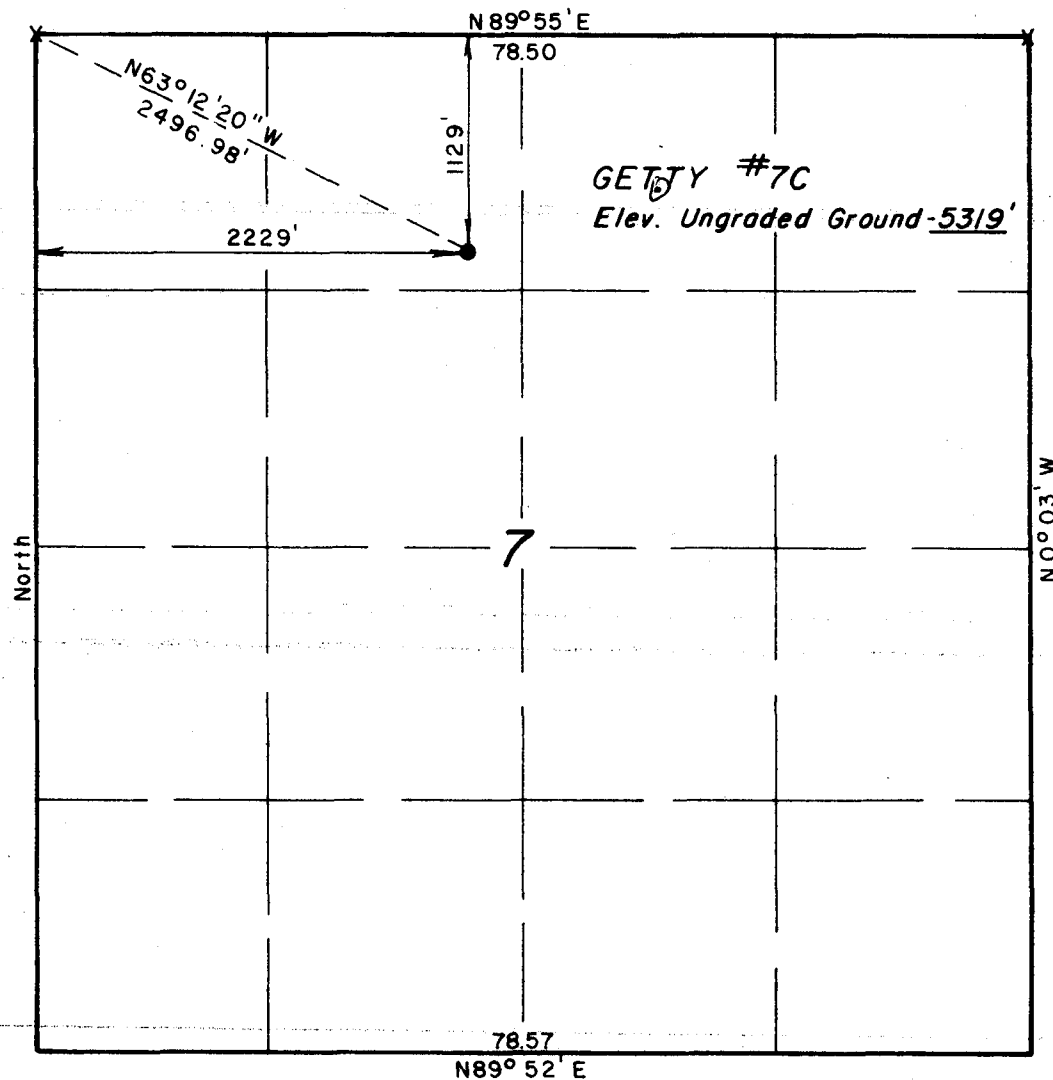
\*See Instructions On Reverse Side

T9S, R17E, S.L.B. & M.

PROJECT

ALTA ENERGY CORP.

Well location, *GETTY #7C*,  
located as shown in the NE 1/4  
NW 1/4 Section 7, T9S, R17E,  
S.L.B. & M. Duchesne County, Utah.



**X = Section Corners Located**



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING  
 P.O. BOX Q - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	5/7/84
PARTY	GS MB	PT	REFERENCES GLO
WEATHER	Fair	FILE	ALTA ENERGY

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company ALTA ENERGY CORP. (Texas Domestic) D-B-A Alte Corp.

Well No. Getty 7-C

Location: Section 7, T9S, R17E, S.L.M.

Lease No.: U-44426

Onsite Inspection Date: May 21, 1984

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:

Surface Uinta Formation; Oil Shale 1617'; Horse Bench 2389';  
Base Oil Shale 3188'; Garden Gulch 3762'; Douglas Creek 4538';  
Douglas Creek "V" 4781'; Douglas Creek "3" 5169'; Douglas Creek I  
5321'; Upper Black Shale 5492'; Wasatch Tongue 5750'; Wasatch Tongue  
"3" 5767'; Wasatch Tongue "1" 6031'; Lower Black Shale 6149'.

2. Estimated Depth at which Oil, Gas, Water, or other Mineral Bearing Zones are Expected to be encountered:

<u>Formation</u>	<u>Zone</u>
Expected Oil Zones:	Douglas V, Wasatch Tongue, Wasatch Tongue "3"
Expected Gas Zones:	Douglas V, Wasatch Tongue, Wasatch Tongue "3"
Expected Water Zones:	Oil Shale - 1617'
Expected Mineral Zones:	Oil Shale - 1617'

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

3000# Double gate BOP with Pipe Rams & Blind Rams 8 5/8"

5 1/2 Production Single Stage from T.D. to above Oil Shale.

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D-B-A Alte Corp. Getty 7-C  
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BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

4. Casing Program and Auxiliary Equipment:

8 5/8" 250' 32 # K-40 cement to surface

5 1/2" 5231' 15.5# J-55 Cement to above Oil Shale Base 3188'

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

5. Mud Program and Circulating Medium:

Clear water 4000' 3% KCL to T.D.

6. Coring, Logging and Testing Program:

No coring anticipated.

Dual induction laterolog T.D. to surface

Compensated Density T.D. surface pipe. Neutron Log, Bond Log T.D. to surface.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer(AO).

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards:

None

8. Anticipated Starting Dates and Notifications of Operations:

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Location Construction: Immediately upon aproval.

Spud Date: July 1, 1984

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular working day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sen by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal metnod, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lesses or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day authorized test period.

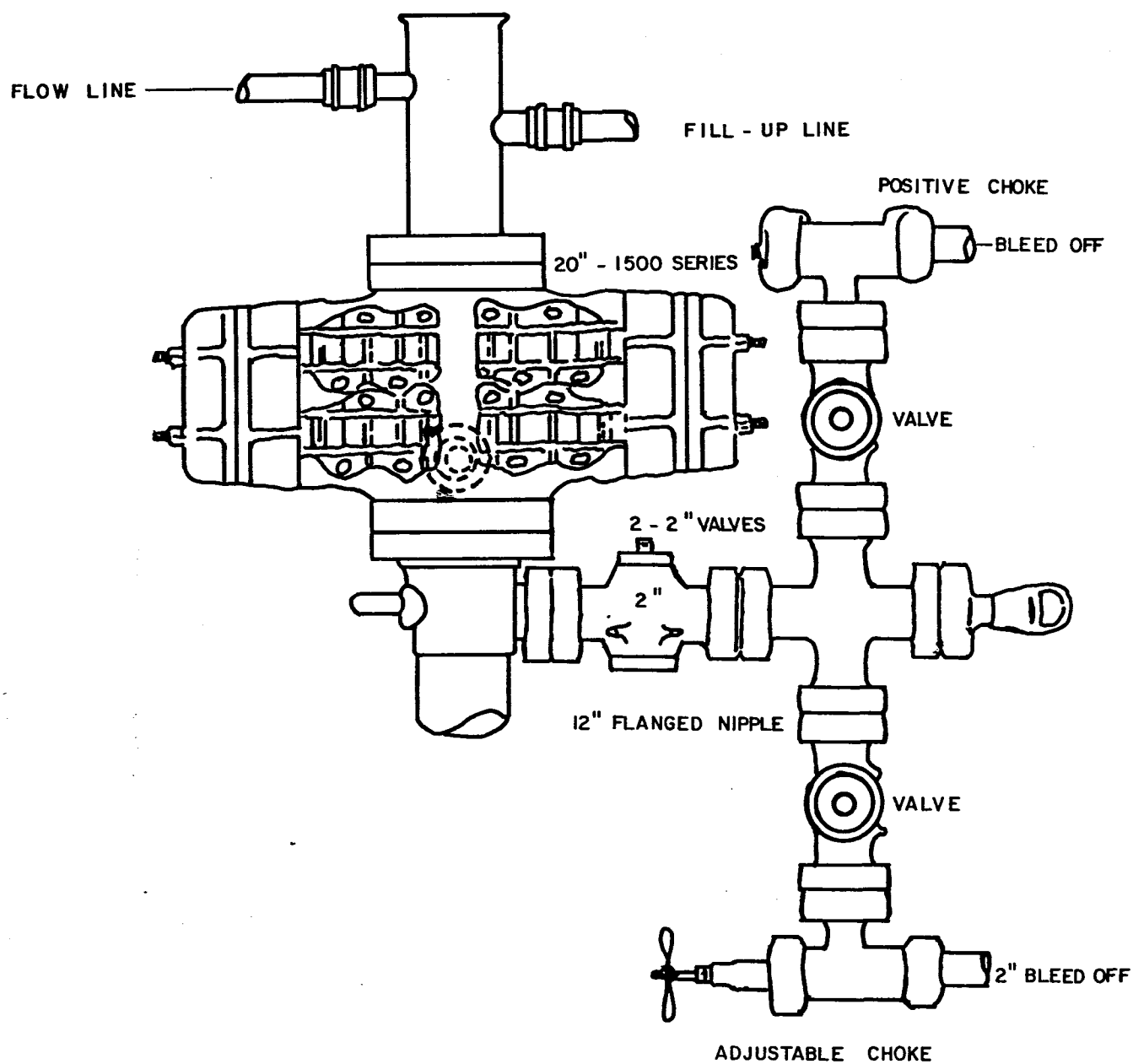
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A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.



B.O.P. DIAGRAM

ALTA ENERGY CORP.  
(Texas Domestic) D-B-A Alte Corp.

13 Point Surface Use Plan

For

Getty #7C

Located in

Section 7, T9S, R17F, S.L.B.&M.

Duchesne County, Utah



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1. EXISTING ROADS:

a. Location of proposed well in relation to town or other reference point: approximately 17 miles South of Myton, Utah.

b. Proposed route to location: Proceed Westerly out of Myton, Utah along U.S. Highway 40 1.6 miles to its junction with Utah State Highway 53; ; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216, 10.7 miles to its junction with an existing dirt road to the Southwest; proceed Southwesterly along this road 1.2 miles + to its junction with an existing road to the Northwest; proceed in a Northwesterly direction along this road 0.9 miles to NGC 12-8-4 and the beginning of the proposed access road.

c. Location and Description of roads in the area: See Topographic Map "B" US-40 is a bituminous surfaced (Black Topped) U-53 is bituminous surfaced (Black Topped) all others are gravel surfaced.

d. Plans for improvement and/or maintenance of existing roads:  
None

e. Other: None

2. PLANNED ACCESS ROADS:

a. Width: 24' maximum disturbed area, 16' Travel lane.

b. Maximum grades: 8% maximum access road.

c. Turnouts: None

d. Location (centerline): Flagged

e. Drainage: None

f. Surface materials (source): (None) if needed will acquire from private source.

g. Other: None

All travel will be confined to existing access road rights-of-way.

3. LOCATIONS OF EXISTING WELLS: There are numerous wells within a one mile radius of the well. (See Topographic Map "B")

4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES:

All permanent (onsite for six months or longer) structures constructed or installed (including oil well pump jacks will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5

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State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1 1/2 times the storage capacity of the battery.

Tank batteries will be placed on the: Southwest corner of the location. (Two Tanks)

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and anchored securely at the meter. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Moab District office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. LOCATION AND TYPE OF WATER SUPPLY:

All water needed for drilling purposes will be obtained from: Pleasant Valley and will be obtained from a private hauler.

6. SOURCE OF CONSTRUCTION MATERIAL:

Road surfacing and pad construction material will be obtained from: If needed will be acquired from private source.

The use of materials under B.L.M. jurisdiction will conform to 43 CFR 3610 . 2-3.

Construction materials will be located on lease.

7. METHODS OF HANDLING WASTE DISPOSAL:

The reserve pit will be lined: with plastic.

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Burning will not be allowed. All trash must be contained in a trash cage and disposed of by: Hauling to the nearest Sanitary Landfill.

Produced waste water will be confined to a lined pit for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

8. ANCILLARY FACILITIES:

Camp facilities will not be required.

9. WELL SITE LAYOUT:

The reserve pit will be located: On the Southeast side of the location.

The stockpiled topsoil will be stored: on the South ends of the location near Corner #2. Excess rocks will be pushed to the Southwest end of the pit.

Access to the well pad will be from: The East

The trash pit will be located: All trash will be kept in a wire cage and hauled to a sanitary landfill.

Reserve pits will be fenced with a net wire fence and topped with at least one strand of barbed wire.

10. PLANS FOR RESTORATION OF SURFACE:

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials trash and junk not required for production. Rehabilitate outside of Deadman within 90 days of completion.

Drill Pad Construction: (Mitigating Measures)

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe etc. The South end of the location will be used as the NTL-2B Pit.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

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Seed will be broadcast or drilled at a time specified by the BLM.  
If broadcast, a harrow or some other implement will be dragged over  
the seeded area to assure seed coverage.

The following seed mixture will be used:

Stipa Comata	1 lb/Ac
Agropyron Cristatum	1 lb/Ac
Poa Secunda	1 lb/Ac
Kochia Prostrata	2 lb/Ac
Atriplex Conertifolia	2 lb/Ac
Ceratoides Lanata	<u>2 lb/Ac</u>
	9 lb/Ac

The reserve pit and that portion of the location and access road not  
needed for production or production facilities will be reclaimed.

11. SURFACE AND MINERAL OWNERSHIP

Federal Surface and Minerals

12. OTHER INFORMATION

There will be no deviation from the proposed drilling and/or  
workover program without prior approval from the AO. Safe  
drilling and operating practices must be observed. All wells,  
whether drilling, producing, suspended, or abandoned will be  
identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report and Wells" (Form 3160-5) will be filed  
for approval for all changes of plans and other operations in  
accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the  
surface use plan.

A cultural resource clearance will be required before any  
construction begins. If any cultural resources are found during  
construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of  
approval. After permit termination a new application will be filed  
for approval for any future operations.

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13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Earl Staley

Address: 164 North 850 West Vernal, Utah

Phone No. (801) 789-5390

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by: Alta Energy Corp. (Texas Domestic D-B-A Alte Corp. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions or 18 U.S.C. 1001 for the filing of a false statement.

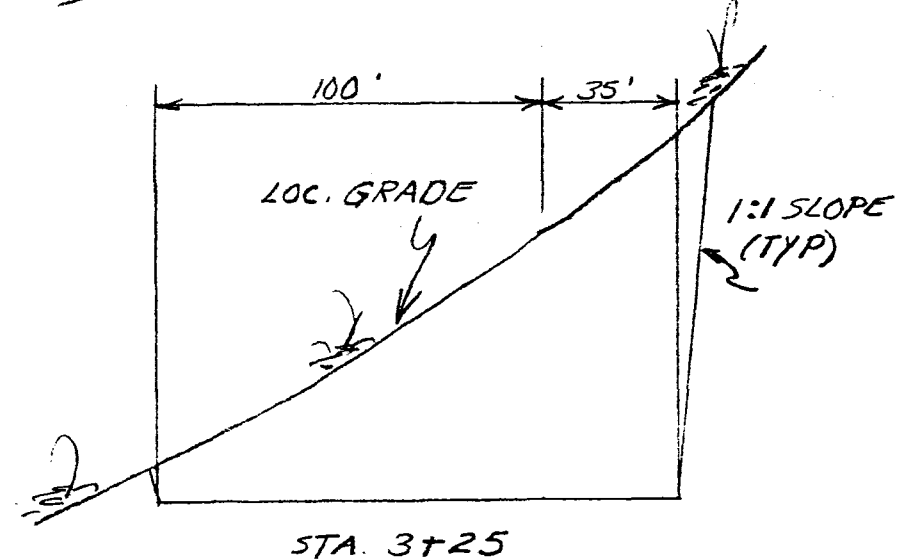
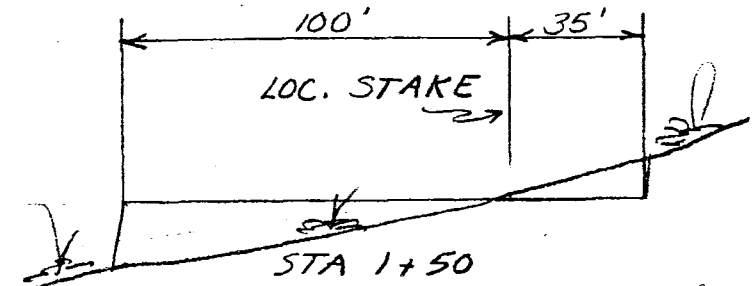
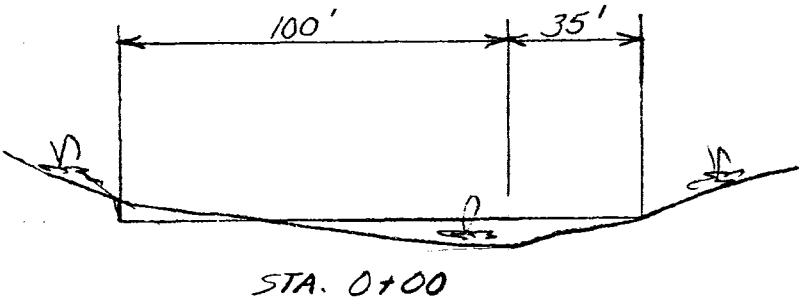
5-29-84  
Date

Earl Staley

# ALTA ENERGY CORP

## GETTY #7C

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1" = 10'

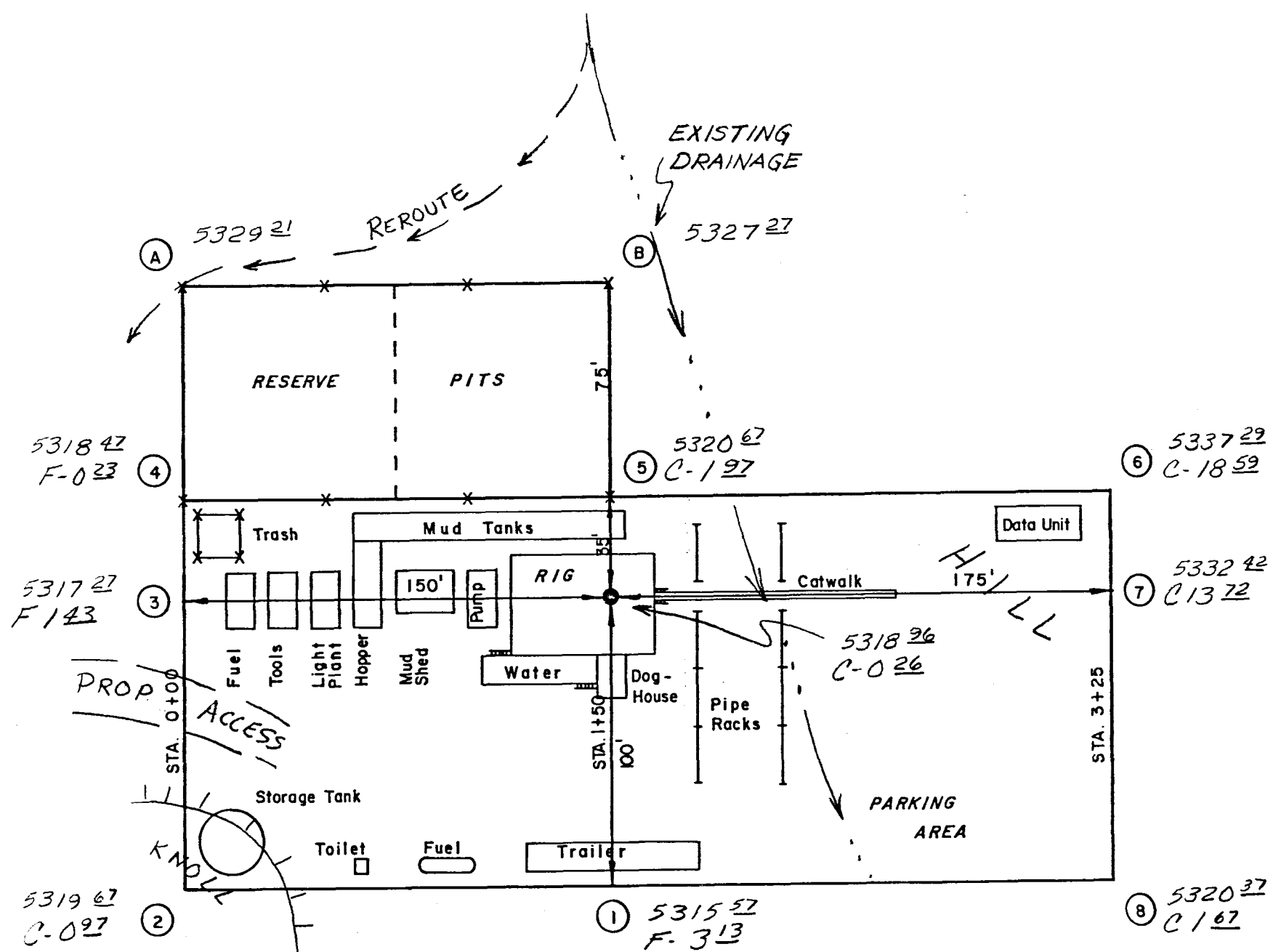
Scales

1" = 50'

APPROXIMATE YARDAGES

Cu. Yds. Cut = 6,012

Cu. Yds. Fill = 1,130



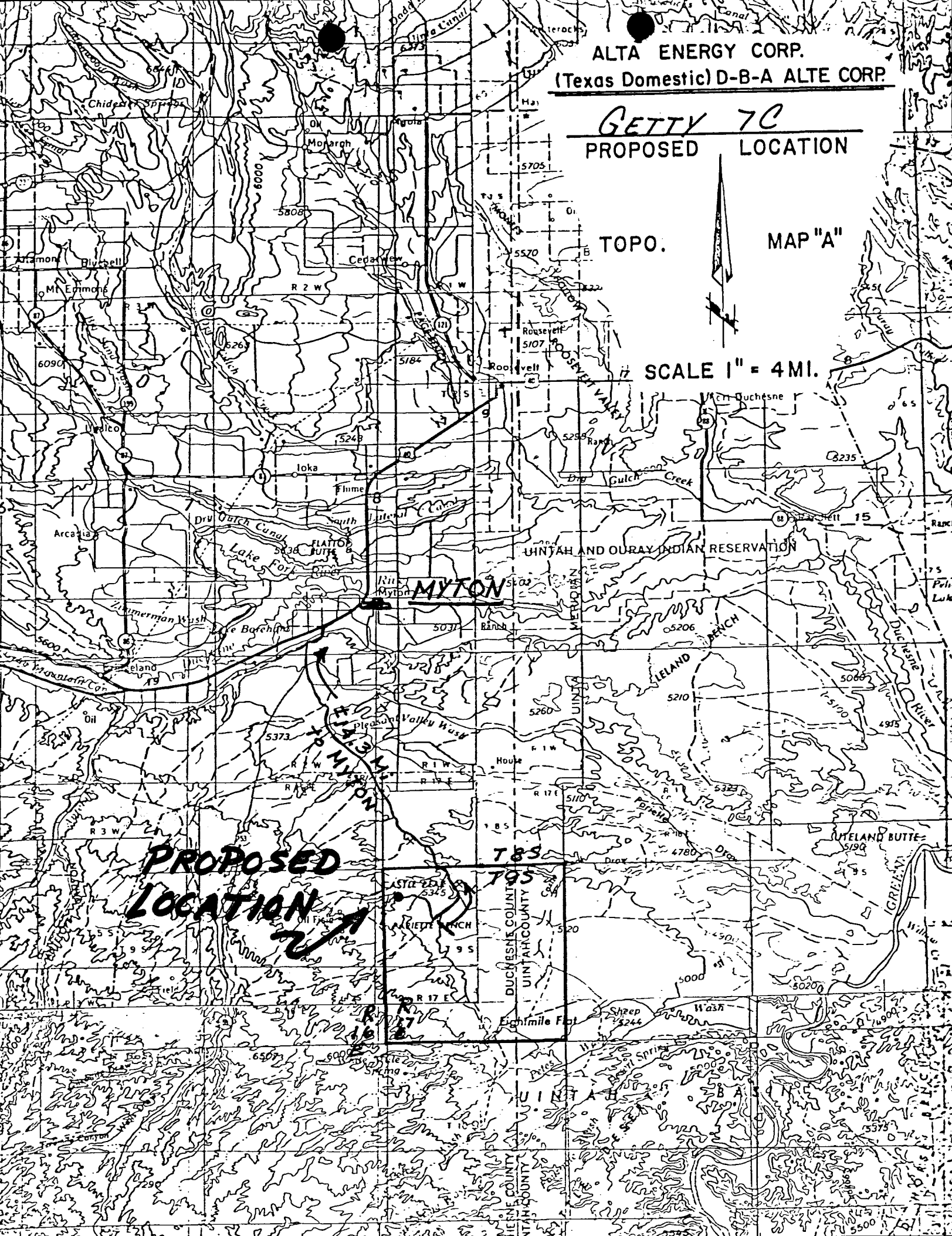
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*GETTY 7C*  
PROPOSED LOCATION

TOPO.

MAP "A"

SCALE 1" = 4 MI.



**PROPOSED  
LOCATION**

**MYTON**

UINTAH AND OURAY INDIAN RESERVATION

78 S  
79 S

ASTOR 5345

RIEDEL RANCH

8 S

R 17 E

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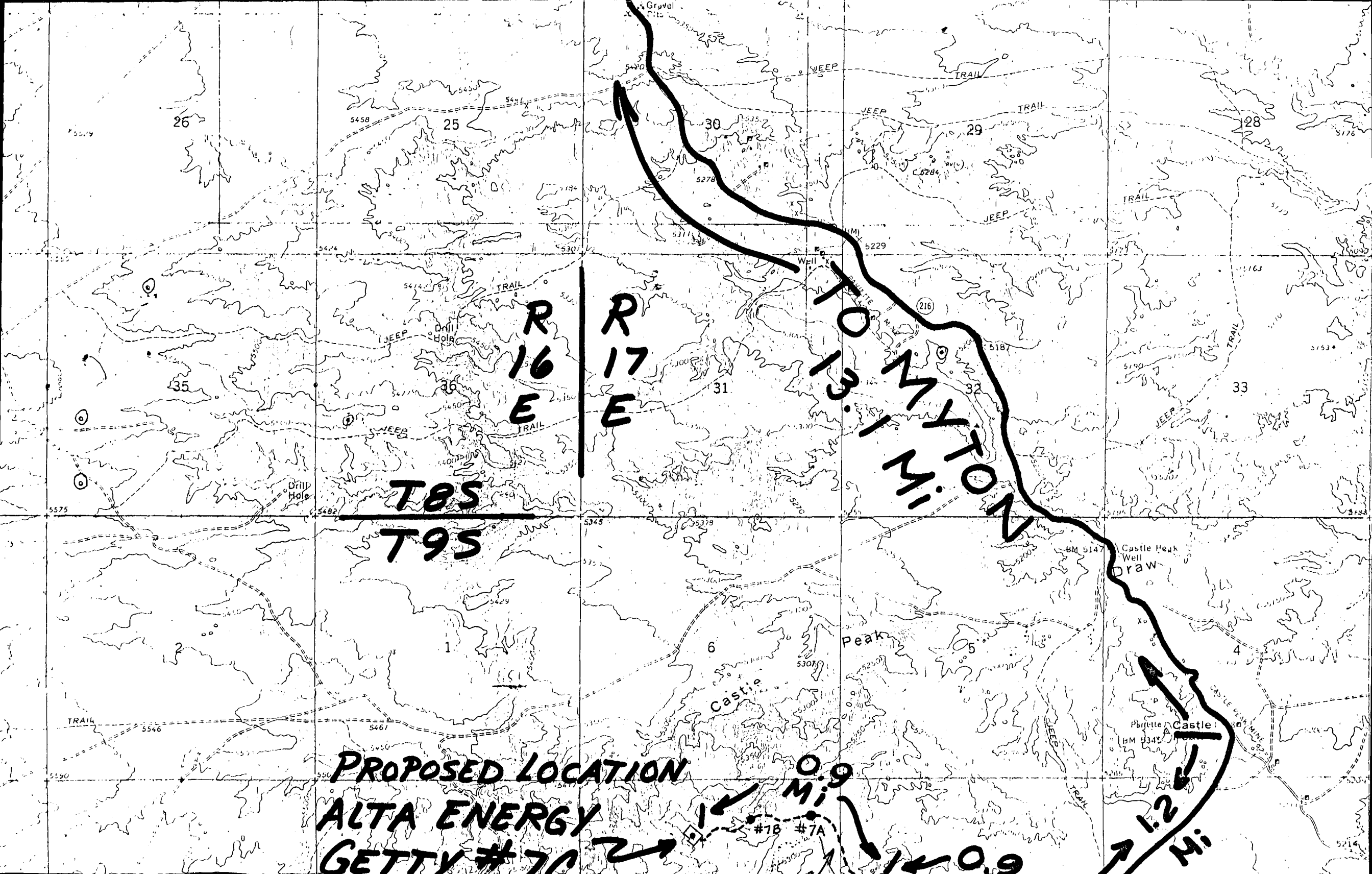
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PROPOSED  
ACCESS ROAD  
± 0.9 Mi

NGC 12-8-H M:

MONUMENT BUTTE  
OIL FIELD

ALTA ENERGY CORP.  
(Texas Domestic) D-B-A ALTE CORP.

GETTY 7C  
PROPOSED LOCATION

TOPO.

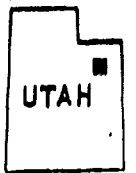
MAP "B"



SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, Improved surface  
Unimproved road fair or dry weather



QUADRANGLE LOCATION

DIVISION OF OIL  
GAS & MINING

MAY 30 1984

RECEIVED

12 MI. TO UTAH 53

R. 16 E. R. 17 E.

2' 30"

84

BENCH

PARIETTE

Storage Bin  
Snyder Spring

OPERATOR Alta Energy Corp. DATE 6-5-84  
WELL NAME Getty 7-C  
SEC NENW 7 T 9S R 17E COUNTY Duchesne

43-013-30961  
API NUMBER

Fed  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/> INDEX	<input type="checkbox"/> HL	<input type="checkbox"/>
<input type="checkbox"/> NID	<input type="checkbox"/> PI	<input type="checkbox"/>
<input type="checkbox"/> MAP	<input type="checkbox"/>	<input type="checkbox"/>

PROCESSING COMMENTS:

Needs an Exception Location - Rec 4/11/84  
needs water  
no wells within 1000'

APPROVAL LETTER:

SPACING: ☐ A-3 \_\_\_\_\_ UNIT ☐ c-3-a \_\_\_\_\_ CAUSE NO. & DATE  
☒ c-3-b ☒ c-3-c

SPECIAL LANGUAGE:

1. Water  
2. Exception Location

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☐ ORDER \_\_\_\_\_

☐ UNIT \_\_\_\_\_

☒ c-3-b

☐ c-3-c

☒ CHECK DISTANCE TO NEAREST WELL.

☒ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

NELSON J. MARSHALL  
Phone 789-0272

GENE STEWART  
Phone 789-1795

LAWRENCE C. KAY  
Phone 789-1125

# Uintah Engineering & Land Surveying

P.O. BOX Q  
VERNAL, UTAH 84078



OFFICE LOCATION  
85 SOUTH 200 EAST

PHONE 789-1017

June 7, 1984

Utah State Department of  
Natural Resources Oil &  
Gas Division  
4241 State Office Building  
Salt Lake City, Utah 84114

Attn: Gaylin Hansen

Re: Getty #7C

RECEIVED

JUN 11 1984

DIVISION OF OIL  
GAS & MINING

Dear Gaylin,

In reference to our phone call concerning Alta Energy well location Getty #7C we are requesting a variance due to topographic reasons. During the onsite for this well other alternatives were weighed and it was decided that we wouldn't be able to get to our spacing because of the topography of the area.

I am enclosing a copy of the topographic map for this well. I hope that the contours are clear enough to give a representation of what the ground is like.

If you have any questions please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Brad Weber". The signature is written in a cursive, flowing style.

Brad Weber  
Uintah Engineering & Land Surveying

BW/ch

Enclosures

RECEIVED  
JUN 11 1984  
DIVISION OF OIL  
GAS & MINING

R  
16  
E

R  
17  
E

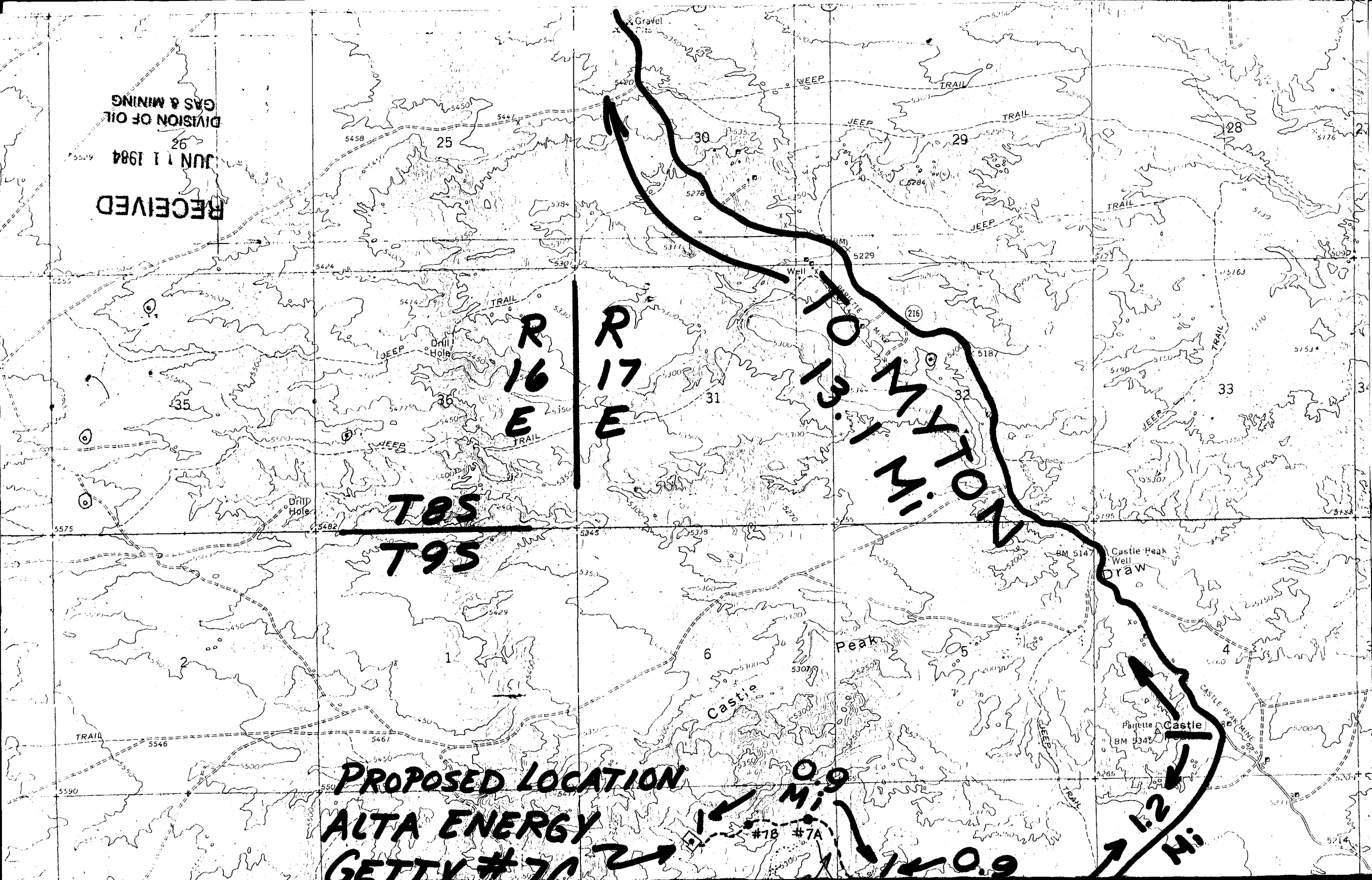
10.3 MILE

T85  
T95

PROPOSED LOCATION  
ALTA ENERGY  
GETTV #70

0.9  
Mi

1.2  
Mi



PROPOSED  
ACCESS ROAD  
± 0.9 Mi

NGC 1248-H  
Mi



ALTA ENERGY CORP.  
(Texas Domestic) D-B-A ALTE CORP.

GETTY 7C  
PROPOSED LOCATION

TOPO.

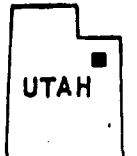
MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather,  
Improved surface

Unimproved road fair or dry  
weather



QUADRANGLE LOCATION

12 MI. TO UTAH 53

R. 16 E. R. 17 E.

2' 30"

584

5850000 E

June 12, 1984

Alta Energy Corporation  
164 North 850 West  
Vernal, Utah 84078

RE: Well No. Getty #7-C  
NE1/4 Sec. 7, T. 9S, R. 17E  
1129' FWL, 2229' FWL  
Duchesne County, Utah

Gentlemen:

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:


1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Associate Director, Telephone (801) 533-5771 (Office), 571-6068 (Home).
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Alta Energy Corporation  
Well No. Getty #7-C  
June 12, 1984  
Page 2

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-30961.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

RJF/as

cc: Branch of Fluid Minerals

Enclosures



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Alta Energy Corp. (Texas Domestic) D.-B.-A. Alte Corp.

3. ADDRESS OF OPERATOR

164 North 850 West, Vernal, Utah 84078 (801) 789-5390

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

2229' FWL 1129' FNL Section 7, T9S, R17E, S.L.M.

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

14 miles South of Myton, Utah

10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

1129'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6149'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5319'

22. APPROX. DATE WORK WILL START\*

A.S.A.P.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	32# K-40	250'	Circulate to surface
7 7/8"	5 1/2"	15.5# J-55	6231'	Class H 2% Calcium Chloride to above Oil Shale Base approxi- mately 2500'

See Attachments:

10 Point  
B.O.P.  
Location Plat  
13 Point Surface Use Plan  
Cut Sheet  
Topo. Map "A"  
Topo. Map "B"

RECEIVED

JUN 20 1984

DIVISION OF OIL  
GAS & MINING

MAY 1984  
RECEIVED

Vernal, Utah

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DISTRICT MANAGER

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY  
See Instructions On Reverse Side

FLARING OR VENTING OF  
GAS IS SUBJECT TO NCL 4-A  
DATED 1/1/80

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Alta Energy Corp. Well No. Getty 7-C  
Location Sec. 7, T9S, R17E Lease No. U-44426  
Onsite Inspection Date May 21, 1984

The Vernal District Petroleum Engineers have reviewed the Application or Permit to Drill for technical adequacy and concur with the down hole portion of the request providing the following stipulations are included as a part of the approval:

1. 3000 psi Hydril bag-type preventer will be used in conjunction with the doublegate preventers in the BOP stack.
2. 3000 psi doublegate BOP will be pressure tested to a minimum pressure of 2000 psi if the casing grade is H-40 or a minimum pressure of 2700 psi if the casing grade is K-55. (Stipulation set up this way as there is no casing grade of K-40)  
3000 psi Hydril bag-type BOP will be pressure tested to a minimum pressure of 1500 psi.
3. No chromates will be used in the mud system to ensure adequate protection of fresh waters.
4. An SP or Gamma-Ray log will be run in conjunction with the other logs.

13 Point Surface Use Plan

9. Well Site Layout:

The reserve pit will be located: On the southwest side of the location.

10. Plans for Restoration of Surface

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. Also, if broadcast, the amount of seed will be proportionately larger to total 14 lbs/acre.

12. Other Information

Spoils pile will be placed on the south edge of the location, between points 4 and A.

## DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

API #43-013-30961

NAME OF COMPANY: ALTA ENERGYWELL NAME: Getty #7-CSECTION NE NW 7 TOWNSHIP 9S RANGE 17E COUNTY DuchesneDRILLING CONTRACTOR ShelbyRIG # 55SPODDED: DATE 1-3-85TIME 5:45 pmHow DRILLING WILL COMMENCE REPORTED BY Earl StaleyTELEPHONE # 789-5390DATE 1-4-85 SIGNED JRB

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

RECEIVED  
SUBMIT IN DUPLICATE\*  
(See instructions on reverse side)

56 64 01

APR 18 1985

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO.	
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR		Alta Energy Corporation (Texas Domestic) dba/ Alte Corp.				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR		500 North Loraine, Suite 900, Midland, TX 79701				7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*		At surface 2229' FWL 1129' FNL NENW				8. FARM OR LEASE NAME	
At top prod. interval reported below		Same				9. WELL NO.	
At total depth		Same				10. FIELD AND POOL, OR WILDCAT	
14. PERMIT NO.		43-013-30961		DATE ISSUED		6/18/84	
15. DATE SPUDDED		1-3-85		16. DATE T.D. REACHED		1/9/85	
17. DATE COMPL. (Ready to prod.)		3/4/85		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		5319 GL	
19. ELEV. CASINGHEAD		5333		20. TOTAL DEPTH, MD & TVD		5645	
21. PLUG, BACK T.D., MD & TVD		5566		22. IF MULTIPLE COMPL., HOW MANY*		n/a	
23. INTERVALS DRILLED BY		ROTARY TOOLS		CABLE TOOLS		X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		5071-5116 Green River		4753-4788 Green River		25. WAS DIRECTIONAL SURVEY MADE	
4913-4956 Green River						No	
26. TYPE ELECTRIC AND OTHER LOGS RUN		CDCN, Gamma Ray, Dual Laterolog, Laserlog, Sample		27. WAS WELL CORDED		No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
8-5/8"	24#	225'	12-1/4"	250 sxs Class "G"		--	
5-1/2"	15.5#	5595'	7-7/8"	475 sxs Class "H" + 280		--	
				sxs "lift"			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-3/8"	5112'	--
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
5071-79,88,5093-99,5100-01,05,06,07,5111-16.				DEPTH INTERVAL (MD)			
4913-19,4941-47,4954-56.				AMOUNT AND KIND OF MATERIAL USED			
4753-59,4769-75,4787-88.				5071-5116'			
Each interval - 4 SPF, .38"				4913-4956'			
				4753-4788'			
				152,000# 20/40 sand			
				85,000# 20/40 sand			
				90,000# 20/40 sand			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/10/85		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/26/85	24	2	→	60	40	--	1500
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
--	40	→	60	40	--	33°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Vented excess, running pump, heater & tanks off casinghead gas.						Earl Staley	
35. LIST OF ATTACHMENTS							
Logs sent directly to Div. O,G&M from logging company.							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							

SIGNED Keri C. WalkerTITLE Production SecretaryDATE April 15, 1985

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Green River Douglas Creek	2598 3770		

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved by  
Budget Bureau 704-0137  
Expires August 1985

55

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> HOT <input type="checkbox"/> Other _____		2. NAME OF OPERATOR Alta Energy Corporation (Texas Domestic) dba/ Alte Corp.		3. ADDRESS OF OPERATOR 500 North Loraine, Suite 900, Midland, TX		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 2229' FWL, 1129' FNL At top prod. interval reported below Same At total depth Same		5. YEAR OF REGISTRATION AND SERIAL NO. U-44426		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---		7. UNIT AGREEMENT NAME ---		8. FARM OR LEASE NAME Getty		9. WELL NO. 7-C		10. FIELD AND POOL, OR WILDCAT Monument Butte		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 7, T9S, R17E, S.L.M.																							
12. PERMIT NO. 43-013-30961		13. DATE 6/18/84		14. COUNTY OR PARISH Duchesne		15. STATE Utah		16. DATE SPUN 12/27/84		17. DATE T.D. REACHED 1/9/85		18. DATE COMPL. (Ready to prod.) 3/4/85		19. ELEVATION (OF RND. RT. CR. ETC.) 5319 GL		20. ELEV. CASINGHEAD 5333		21. TOTAL DEPTH, MD & TVD 5645		22. PLUG. BACK T.D., MD & TVD 5566		23. IF MULTIPLE COMPL. HOW MANY? n/a		24. INTERVAL DRILLED BY X		25. NOTARY TOOLS CABLE TOOLS																	
26. FROM FINING INTERVAL (S) OF THIS COMPLETION - TOP, BOTTOM NAME (MD AND TVD) 5071-5116 Green River 4753-4788 Green River 4913-4956 Green River		27. WAS DIRECTIONAL SURVEY MADE No		28. TYPE ELECTRIC AND OTHER LOGS RUN CDCN, Gamma Ray, Dual Laterolog		29. WAS WELL CORED No		30. CASING RECORD (Report all strings set in well)		31. LINER RECORD		32. TUBING RECORD		33. PRODUCTION		34. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		35. DATE FIRST PRODUCTION 3/10/85		36. PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping		37. WELL STATUS (Producing or shut in) Producing																					
38. CARING SIZE 8-5/8"		39. WEIGHT, LB/FT. 24#		40. DEPTH SET (MD) 225'		41. HOPE SIZE 12-1/4"		42. CEMENTING RECORD 250 sxs Class "G"		43. AMOUNT PULLED --		44. SIZE n/a		45. TOP (MD) n/a		46. BOTTOM (MD) n/a		47. BACK CEMENT n/a		48. SCREEN (MD) n/a		49. SIZE 2-3/8"		50. DEPTH SET (MD) 5112'		51. PACKER SET (MD) --		52. DATE OF TEST 3/26/85		53. HOURS TESTED 24		54. CHOKE SIZE 2		55. PROD'N FOR TEST PERIOD 60		56. OIL—BBL. 60		57. GAS—MCF. 40		58. WATER—BBL. --		59. GAS-OIL RATIO 1500	
60. FLOW. TUBING PRESS. --		61. CASING PRESSURE 40		62. CALCULATED 24-HOUR RATE 60		63. OIL—BBL. 60		64. GAS—MCF. 40		65. WATER—BBL. --		66. OIL GRAVITY-API (CORR.) 33°		67. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented excess, running pump, heater & tanks off casinghead gas.		68. TEST WITNESSED BY Earl Staley		69. LIST OF ATTACHMENTS Logs sent directly to BLM from logging company.		70. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		71. SIGNED Ken C. Wilkinson		72. TITLE Production Secretary		73. DATE April 15, 1985																	

WELL NAME: Getty #7-C  
 FIELD: Monument Butte  
 FEDERAL LEASE NO.: U-44426  
 LOCATION: NE NW Sec.7,T9S,R17E  
 COUNTY/STATE: Duchesne County,Utah  
 WORKING INTEREST: 0.79942652  
 PRODUCING FORMATION: Green River  
 COMPLETION DATE: 3-4-85  
 INITIAL PRODUCTION: 60 STBOPD, 40 MCFPD, 0 STBWPD  
 OIL/GAS PURCHASER: Amoco/Universal Resources  
 PRESENT PROD STATUS: 6 STBOPD, 0 MCFPD, 5 STBWPD  
 ELEVATIONS - GROUND: 5319'  
 TOTAL DEPTH: 5645' KB

DATE: 2-18-94 lac  
 API NO.: 43-013-30961

NET REVENUE INT.: 0.72981781 Oil  
 0.65881769 Gas  
 SPUD DATE: 12-27-84  
 OIL GRAVITY: 33 API  
 BHT: 130 Deg.F  
 KB: 5333' (14' KB)  
 PLUG BACK TD: 5566' KB

## SURFACE CASING

-----  
 STRING: 1  
 CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24 lbs.  
 LENGTH: 211'  
 DEPTH LANDED: 225' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 250 sxs Class G

## PRODUCTION CASING

-----  
 STRING: 1  
 CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5 lbs  
 LENGTH: 139 jts @ 5581'  
 DEPTH LANDED: 5595' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 280 sxs Lift &  
 475 sxs Class H  
 CEMENT TOP AT: 3700' KB from CBL

## TUBING RECORD

-----  
 SIZE/GRADE/WT.: 2 3/8", 4.7#  
 NO. OF JOINTS: 160 jts @ 5066'  
 TUBING ANCHOR: None  
 NO. OF JOINTS: NA  
 SEATING NIPPLE: 2 3/8" x 1.10'  
 PERF. SUB: None  
 MUD ANCHOR: 2 3/8" x 31' (notched collar)  
 TOTAL TUBING LENGTH: 5098'  
 SN LANDED AT: 5081' KB

## PERFORATION RECORD

-----  
 4753'-4759' (6') 4 SPF  
 4769'-4775' (6') 4 SPF  
 4787'-4788' (1') 4 SPF  
 4913'-4919' (6') 4 SPF  
 4941'-4947' (6') 4 SPF  
 4954'-4956' (2') 4 SPF  
 5071'-5079' (8') 4 SPF  
 5088' (1') 4 SPF  
 5093'-5099' (6') 4 SPF  
 5100'-5101' (1') 4 SPF  
 5105'-5107' (2') 4 SPF  
 5111'-5116' (5') 4 SPF

## SUCKER ROD RECORD

-----  
 1 - 1 1/4" x 22' Polished Rod  
 1 - 3/4" x 6' Pony  
 1 - 3/4" x 8' Pony  
 201 - 3/4" x 25' Rods

PUMP SIZE: 2" x 1 1/4" x 16' RHAC  
 STROKE LENGTH:  
 PUMP SPEED, SPM:  
 PUMPING UNIT SIZE:

LOGS: Compensated Density, Compensated Neutron,  
 Micro Spherically Focused Log, Dual  
 Laterolog

## ACID/BREAKDOWN JOB

-----  
 5071'-5116' Breakdown @ 3100#, broke  
 back @ 4.5 BPM. 1850# @ 25 BPM. Ball  
 off 150 bbls.

## FRAC JOB

-----  
 \*\*\*SEE NEXT PAGE\*\*\*

Getty #7-C  
Monument Butte  
U-44426  
NE NW Sec.7,T9S,R17E  
Duchesne County,Utah

53

#### FRAC JOB

---

4753'-4788', Frac w/Halliburton on 2-23-85  
27,380 gals Versagel w/103,720 lbs 20-40  
sand. Avg 40 BPM @ 2400 psig, Max 60 BPM @  
4600 psig. ISIP @ 4000 psig, 5 min @  
1960 psig, 10 min @ 1540 psig, 15 min @  
1420 psig.

4913'-4956', Frac w/Halliburton on 2-19-85.  
15,130 gals Versagel w/85,000 lbs 20-40  
sand. Avg 35 BPM @ 3000 psig, Max 39 BPM @  
4500 psig. ISIP @ 3710 psig, 5 min @ 2750  
psig, 10 min @ 2380 psig, 15 min @ 2160 psig.

5071'-5116', Frac w/Halliburton on 2-13-85.  
27,260 gals Versagel w/154,080 lbs 20-40  
sand. Avg 40 BPM @ 2000 psig, Max 53.5 BPM  
@ 2800 psig. ISIP @ 2180 psig, 5 min @ 2060  
psig, 10 min @ 2000 psig, 15 min @ 1970 psig.



GETTY #7-C  
NE NW SEC.7,T9S,R17E  
Lease No. U-44426  
MONUMENT BUTTE FIELD/JONAH UNIT  
DUCHESNE COUNTY, UTAH

Wellbore Diagram

BALCRON OIL  
2-18-94 lac

54

SURFACE CASING

8 5/8", 24#  
Length @ 211'  
Landed @ 225' KB  
Cemented w/ 250 sxs Class G  
Hole Size @ 12 1/4"

PRODUCTION CASING

5 1/2", 15.5#  
139 jts @ 5581'  
Landed @ 5595' KB  
Cemented w/280 sxs Lift &  
475 sxs Class H  
Hole Size @ 7 7/8"  
Cement Top @ 3700' KB from CBL

TUBING

2 3/8", 4.7#  
160 jts @ 5066'  
SN @ 2 3/8" x 1.10'  
Mud Anchor @ 2 3/8" x 31' w/N.C.  
Total Tbg Length @ 5098'  
SN Landed @ 5081' KB

SUCKER RODS

1 - 1 1/4" x 22' Polished Rod  
1 - 3/4" x 6' Pony  
1 - 3/4" x 8' Pony  
201 - 3/4" x 25' Rods

PUMP SIZE: 2" x 1 1/4" x 16' Top Cup Pump  
STROKE LENGTH:  
PUMP SPEED, SPM:  
PUMPING UNIT SIZE:

LOGS: Compensated Density, Compensated Neutron,  
Micro Spherically Focused Log, Dual  
Laterolog

ACID/BREAKDOWN JOB

5071'-5116' Breakdown @ 3100#, broke  
back @ 4.5 BPM. 1850# @ 25 BPM. Ball  
off 150 bbls.

FRAC JOB

4753'-478 4753'-4788' Sand Frac with  
27,380 gal 90,000 lbs. 20-40 sand.  
sand. Avg 40 BPM @ 2400 psig, Max 60 BPM  
@ 4600 p 4913'-4956' Sand Frac with  
1960 psig, 85,000 lbs. 20-40 sand.  
1420 psig.

4913'-495 152,000 lbs. 20-40 sand.  
15,130 gals Versagel w/85,000 lbs 20-40  
sand. Avg 35 BPM @ 3000 psig, Max 39 BPM @  
4500 psig. ISIP @ 3710 psig, 5 min @ 2750  
psig, 10 min @ 2380 psig, 15 min @ 2160 psig.

5071'-5116', Frac w/Halliburton on 2-13-85.  
27,260 gals Versagel w/154,080 lbs 20-40  
sand. Avg 40 BPM @ 2000 psig, Max 53.5 BPM  
@ 2800 psig. ISIP @ 2180 psig, 5 min @ 2060  
psig, 10 min @ 2000 psig, 15 min @ 1970 psig.

PERFORATION RECORD

4753'-4759' (6') 4 SPF  
4769'-4775' (6') 4 SPF  
4787'-4788' (1') 4 SPF  
4913'-4919' (6') 4 SPF  
4941'-4947' (6') 4 SPF  
4954'-4956' (2') 4 SPF  
5071'-5079' (8') 4 SPF  
5088' (1') 4 SPF  
5093'-5099' (6') 4 SPF  
5100'-5101' (1') 4 SPF  
5105'-5107' (2') 4 SPF  
5111'-5116' (5') 4 SPF

PBTD @ 5566' KB  
TD @ 5645' KB

COPY

Bureau of Land Management  
Branch of Fluid Minerals (UT-922)  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

June 28, 1993

Equitable Resources Energy Company  
Balcron Oil Division  
C/O UnitSource Incorporated  
1050 - 17th Street, Suite 705  
Denver, Colorado 80265

Gentlemen:

The Jonah (Green River) Secondary Recovery Unit Agreement, Duchesne County, Utah, was approved June 28, 1993. This agreement has been designated No. UTU72086A, and is effective July 1, 1993. The unit area embraces 4,221.61 acres, more or less.

Pursuant to regulations issued and effective June 17, 1988, all operations within the Jonah (Green River) Secondary Recovery Unit will be covered by your nationwide (Montana) oil and gas bond No. 0576.

The following leases embrace lands included within the unit area:

*U-017985	U-096547	*U-33992
*U-020252	U-096550	*U-40652
U-020252A	*U-3563A	*U-44426
U-035521	U-18399	U-52013
U-035521A		

\* Indicates lease to be considered for segregation by the Bureau of Land Management pursuant to Section 18 (g) of the unit agreement and Public Law 86-705.

All lands and interests by State of Utah, Cause No. 228-2 are fully committed except Tracts 4, 5, 10A, 10B, 11, 12A, 12B, 12C and 12D totalling 954.13 acres (22.60 percent) which are partially committed. Also, certain overriding royalty interest owners have not signed the unit agreement. All parties owning interests within this unit area were invited to join the unit agreement.

RECEIVED

JUN 29 1993

DIVISION OF

Oil & Gas Leasing

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources. Enclosed is one copy of the approved unit agreement for your records. We request that you furnish the State of Utah and all other interested principals with appropriate evidence of this approval.

Sincerely,

/S/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Branch of Lands and Minerals Operations (U-942) w/enclosure  
MMS - Data Management Division  
Division of State Lands and Forestry  
Division of Oil, Gas and Mining /  
District Manager - Vernal w/enclosure  
File - Jonah (Green River) Unit w/enclosure  
Agr. Sec. Chron  
Fluid Chron

U-922:TAThompson:tt:06-28-93

OPERATOR EQUITABLE RESOURCES ENERGY CO.

OPERATOR ACCT. NO. N 9890

ADDRESS BALCRON OIL DIV.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	9500	11492	43-013-30926	GETTY 7A	NENE	7	9S	17E	DUCHESNE	5-29-84	7-1-93
WELL 1 COMMENTS: *JONAH UNIT EFFECTIVE 7-1-93.											
D	10190	11492	43-013-30961	GETTY 7C	NENW	7	9S	17E	DUCHESNE	1-3-85	7-1-93
WELL 2 COMMENTS:											
D	8350	11492	43-013-30889	GETTY 12-1	NWNE	12	9S	16E	DUCHESNE	1-30-84	7-1-93
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

7-1-93

Title

Date

Phone No. ( )



EQUITABLE RESOURCES  
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue  
P.O. Box 21017  
Billings, MT 59104

Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☒

June 30, 1993

-- VIA FEDERAL EXPRESS --

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
Salt Lake City, UT 84180

Gentlemen:

The Jonah Unit becomes effective July 1, 1993, and Equitable Resources Energy Company, Balcron Oil Division has been named Unit Operator and will take over operations of the wells within the Unit. Enclosed are sundry notices requesting approval of this Change of Operator for the wells on the enclosed list.

If you have any questions or need further information, please give me a call at (406) 259-7860.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

Enclosures

RECEIVED

JUL 01 1993

DIVISION OF  
OIL GAS & MINING

# JONAH UNIT

Duchesne County, Utah

<u>WELL</u>	<u>LEASE #</u>	<u>CURRENT OPERATOR</u>
C & O Gov't #1 NW SW Sec. 12, T9S, R16E 1905' FSL 660' FWL	U-035521-A	Wildrose Resources
C & O Gov't #2 NW SE Sec. 12, T9S, R16E 1980' FSL 2080' FEL	U-035521-A	Wildrose Resources
C & O Gov't # 4 NE SW Sec. 12, T9S, R16E 2140' FSL 1820' FWL	U-035521-A	Wildrose Resources
Federal #2-1 (SI) NE NE Sec. 1, T9S, R16E 784' FNL 812' FEL	U-33992	Lomax Exploration
Getty # 7-A NE NE Sec. 7, T9S, R17E 761' FNL 664' FEL	U-44426	Alta Energy
Getty # 7-C NE NW Sec. 7, T9S, R17E 1129' FNL 2229' FWL	U-44426	Alta Energy
Getty # 12-1 NW NE Sec. 12, T9S, R16E 501' FNL 2012' FEL	U-44426	Alta Energy

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

Federal #U-44426

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

Jonah Unit

8. Well Name and Number:

Getty #7C

9. API Well Number:

43-013-30961

10. Field and Pool, or Wildcat:

Monument Butte/Green River

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well

Footages:

1129' FNL, 2229' FWL

QQ, Sec., T., R., M.:

NE NW Section 7, T9S, R17E

County: Duchesne

State: UTAH

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT

(Submit in Duplicate)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment                                | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection                    | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat                             | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                        | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of operator</u> |   |

Approximate date work will start \_\_\_\_\_

### SUBSEQUENT REPORT

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective July 1, 1993, which is the effective date of the start of the Jonah Unit, operations of this well will be taken over by:

Equitable RESources Energy Company, Balcron Oil Division  
P.O. Box 21017  
Billings, MT 59104

as Unit Operator. Operatorship of this well will be taken over from:

Alta Energy Corporation  
410-17th Street, #430  
Denver, CO 80202

**RECEIVED**

JUL 01 1993

DIVISION OF  
OIL GAS & MINING

13.

Name & Signature:

Bobbie Schuman  
Bobbie Schuman

Coordinator of Environmental  
and Regulatory Affairs Date: June 30, 1993

(This space for State use only)

ALTA ENERGY CORPORATION  
410 SEVENTEENTH STREET  
SUITE 430  
DENVER, COLORADO 80202

TELEPHONE: (303) 825-0714

TELECOPY: (303) 629-6741

TO: Felicia CordovaCOMPANY: State 3 W  
D & G MiningTELECOPIER NUMBER: 801 359 3940FROM: JoAnn ButzenDATE: 8/22/93NUMBER OF PAGES INCLUDING COVER PAGE: 4

## COMMENTS:

*Re: Change in operator*

*Getty 7-A*

*Getty 7-C*

*Getty 12-1*

If you do not receive all of the above mentioned pages, please call us at the above number as soon as possible.



Form 3160-5  
(June 1990)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 19935. Lease Designation and Serial No.  
U-44426

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.  
Getty #7C9. API Well No.  
43-013-30961

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne Co., UT

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐
- Notice of Intent
- 
- ☐
- Subsequent Report
- 
- ☐
- Final Abandonment Notice

## TYPE OF ACTION

- ☐
- Abandonment
- 
- ☐
- Recompletion
- 
- ☐
- Plugging Back
- 
- ☐
- Casing Repair
- 
- ☐
- Altering Casing
- 
- ☒
- Other
- Change of Operator
- 
- ☐
- Change of Plans
- 
- ☐
- New Construction
- 
- ☐
- Non-Routine Fracturing
- 
- ☐
- Water Shut-Off
- 
- ☐
- Conversion to Injection
- 
- ☐
- Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)  
(Note: Report results of multiple completion well: Completion or Recommendation Report and Log form.)

Effective July 1, 1993, Equitable Resource Energy Company, Balcron Oil Division, Jonah Green River Area, Duchesne Co., UT became the successor operator of the Getty #7C well.

14. I hereby certify that the foregoing is true and correct

Signed Johna ButzenTitle Engineering TechnicianDate 7/27/93

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1-LEC	7-LEC
2-DTS	
3-VLC	
4-RJF	
5-PL	
6-ADA	

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-1-93)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COFROM</u> (former operator)	<u>ALTA ENERGY CORP.</u>
(address)	<u>BALCRON OIL DIV.</u>	(address) <u>410 17TH ST STE 430</u>
	<u>PO BOX 21017</u>	<u>DENVER, CO 80202</u>
	<u>BILLINGS, MT 59104</u>	
	phone <u>(406) 259-7860</u>	phone <u>(303) 825-0714</u>
	account no. <u>N 9890</u>	account no. <u>N 9540</u>

Well(s) (attach additional page if needed): **\*JONAH UNIT**

Name: <u>GETTY 7A/GRRV</u>	API: <u>43-013-30926</u>	Entity: <u>9500</u>	Sec <u>7</u> Twp <u>9S</u> Rng <u>17E</u>	Lease Type: <u>J-44426</u>
Name: <u>GETTY 7C/GRRV</u>	API: <u>43-013-30961</u>	Entity: <u>10190</u>	Sec <u>7</u> Twp <u>9S</u> Rng <u>17E</u>	Lease Type: <u>J-44426</u>
Name: <u>GETTY 12-1/GRRV</u>	API: <u>43-013-30889</u>	Entity: <u>8350</u>	Sec <u>12</u> Twp <u>9S</u> Rng <u>16E</u>	Lease Type: <u>J-44426</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Reg. 7-8-93) (Reg. 7-28-93) (Reg. 8-12-93) (Rec'd 8-22-93)*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 7-1-93)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(8-24-93)*
- See 6. Cardex file has been updated for each well listed above. *(8-24-93)*
- See 7. Well file labels have been updated for each well listed above. *(8-24-93)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(8-24-93)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- Lee 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no)        (If entity assignments were changed, attach copies of Form 6, Entity Action Form). *Entity 11492 "Jonah Unit"*
- Lee 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no)       . Today's date                      19      . If yes, division response was made by letter dated                      19      .

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19      , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *ols 8/24/93*
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

## FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: 9.24 1993.

## FILING

- Lee 1. Copies of all attachments to this form have been filed in each well file.
- Lee 2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

*930713 Bm/s.L. Approved 6-28-93 eff. 7-1-93.*

*(See also Lomar to Equitable & Wildrose to Equitable)*

**RECEIVED**

SEP 20 1993

OPERATOR Balcron Oil  
ADDRESS P.O. Box 21017  
Billings MT 59104

OPERATOR ACCT. NO. H 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	? ← 11492	11492	4301330889	<del>DIVISION OF OIL &amp; GAS &amp; MINING</del> 12-1	NW NE	12	9S	16E	Duchesne		7/1/93
WELL 1 COMMENTS: Jonah Unit											
D	? ← 11492	11492	4301330926	Getty 7-A	NE NE	7	9S	17E	Duchesne		7/1/93
WELL 2 COMMENTS:											
D	? ← 11492	11492	4301330961	Getty 7-C	NE NW	7	9S	17E	Duchesne		7/1/93
WELL 3 COMMENTS:											
D	11071	11492	4301330735	m. B 1-33	NW SE	1	9S	16E	Duchesne		7/1/93
WELL 4 COMMENTS:											
D	00030	11492	4301330736	mB 1-34	SW SE	1	9S	16E	Duchesne		7/1/93
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
  - B - Add new well to existing entity (group or unit well)
  - C - Re-assign well from one existing entity to another existing entity
  - D - Re-assign well from one existing entity to a new entity
  - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Dawn Schindler  
Signature  
Prod. Acct  
Title  
9-15-93  
Date  
Phone No. (406) 259-7860

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 4 of 11

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION  
 EQUITABLE RESOURCES ENERGY  
 1601 LEWIS AVE  
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 3 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ CASTLE PK FED 44-10								
4301330630	11492	09S 16E 10	GRRV					
✓ CASTLE PK FED 24-15								
4301330631	11492	09S 16E 15	GRRV					
✓ CASTLE PK FED 33-15								
4301330632	11492	09S 16E 15	GRRV					
✓ CASTLE PK FED 42-15								
4301330633	11492	09S 16E 15	GRRV					
✓ CASTLE PK FED. 22-15								
4301330634	11492	09S 16E 15	GRRV					
✓ MONUMENT BUTTE 1-23								
4301330646	11492	09S 16E 1	GRRV					
✓ MONUMENT BUTTE 1-14								
4301330703	11492	09S 16E 1	GRRV					
✓ MONUMENT BUTTE 1-43								
4301330734	11492	09S 16E 1	GRRV					
✓ MONUMENT BUTTE 1-34								
4301330736	11492	09S 16E 1	GRRV					
✓ GETTY 12-1								
4301330889	11492	09S 16E 12	GRRV					
✓ GETTY 7A								
4301330926	11492	09S 17E 7	GRRV					
✓ GETTY 7C								
4301330961	11492	09S 17E 7	GRRV					
✓ MONUMENT FEDERAL 23-5J								
4301331383	11492	09S 17E 5	GRRV					
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

UTAH

Getty #7-C	Monument Butte	NE NW	7	9S	17E	Duchesne	UT	Oil	Green River	U-44426	43-013-30961	1129' FNL, 2229' FWL	Vernal	Jonah
Goates Federal #1	Monument Butte	SE SW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15789	793' FSL, 2088' FWL	Vernal	Jonah
Goates Federal #3	Monument Butte	NW NW	14	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15791	790' FNL, 790' FWL	Vernal	Jonah
Hendel Federal #1	Pariette Bench	SW SW	9	9S	19E	Uintah	UT	Oil	Green River	U-058149	43-047-20011	560' FSL, 500' FWL	Vernal	
Hendel Federal #1-17	Pariette Bench	NE NW	17	9S	19E	Uintah	UT	Oil	Green River	U-017991	43-047-30059	660' FNL, 1979' FWL	Vernal	
Hendel Federal #3-17	Pariette Bench	SW NW	17	9S	19E	Uintah	UT	OSI	Green River	U-017991	43-047-30074	1980' FNL, 660' FWL	Vernal	
K. Jorgenson State #16-4	Monument Butte	NE SE	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30572	1984' FSL, 660' FEL		
Maxus Federal #23-8	Monument Butte	NE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31196	1847' FSL, 1947' FWL	Vernal	Beluga
Mocon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-30666	670' FSL, 663' FEL	Vernal	Beluga
Monument Butte #1-13	Monument Butte	NW SW	1	9S	16E	Duchesne	UT	WIW	Green River	U-18399	43-013-30702	1820' FSL, 685' FWL	Vernal	Jonah
Monument Butte #1-14	Monument Butte	SW SW	1	9S	16E	Duchesne	UT	Oil	Green River	U-18399	43-013-30703	820' FSL, 820' FWL	Vernal	Jonah
Monument Butte #1-23	Monument Butte	NE SW	1	9S	16E	Duchesne	UT	Oil	Green River	U-18399	43-013-30646	1980' FSL, 1980' FWL	Vernal	Jonah
Monument Butte #1-24	Monument Butte	SE SW	1	9S	16E	Duchesne	UT	WIW	Green River	U-18399	43-013-30701	820' FSL, 1950' FWL	Vernal	Jonah
Monument Butte #1-33	Monument Butte	NW SE	1	9S	16E	Duchesne	UT	WIW	Green River	U-52013	43-013-30735	1980' FSL, 1980' FEL	Vernal	Jonah
Monument Butte #1-34	Monument Butte	SW SE	1	9S	16E	Duchesne	UT	Oil	Green River	U-52013	43-013-30736	710' FSL, 1980' FEL	Vernal	Jonah
Monument Butte #1-43	Monument Butte	NE SE	1	9S	16E	Duchesne	UT	Oil	Green River	U-52013	43-013-30734	1980' FSL, 660' FEL	Vernal	Jonah
Monument Federal #11-11-9-17Y	Monument Butte	NW NW	11	9S	17E	Duchesne	UT	PND	Green River	U-65210		656' FNL, 741' FWL	Vernal	
Monument Federal #11-22-9-16Y	Monument Butte	NW NW	22	9S	16E	Duchesne	UT	PND	Green River	U-64379			Vernal	
Monument Federal #12-11-9-17Y	Monument Butte	SW NW	11	9S	17E	Duchesne	UT	PND	Green River	U-65210			Vernal	
Monument Federal #13-22-8-17Y	Monument Butte	NW SW	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		1446' FSL, 863' FWL	Vernal (Private sfc)	
Monument Federal #14-21-9-18Y	8 Mile Flat	SW SW	21	9S	18E	Uintah	UT	PND	Green River	U-68105		700' FSL, 550' FWL	Vernal	
Monument Federal #14-22-8-17	Monument Butte	SW SW	22	8S	17E	Duchesne	UT	PND	Green River	U-67845			Vernal	
Monument Federal #21-23-9-17Y	Monument Butte	NE NW	23	9S	17E	Uintah	UT	PND	Green River	U-68102		773' FNL, 1809' FWL	Vernal	
Monument Federal #22-20-9-16	Monument Butte	SE NW	20	9S	16E	Duchesne	UT	PND	Green River	U-52018				
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	PND	Green River	UTU-74108		2217' FSL, 2187' FWL	Vernal	Beluga
Monument Federal #23-22-8-17Y	Monument Butte	NE SW	22	8S	17E	Duchesne	UT	PND	Green River	U-67845			Vernal (Private sfc.)	
Monument Federal #24-17-9-16	Monument Butte	SE SW	17	9S	16E	Duchesne	UT	PND	Green River	U-52018			Vernal	
Monument Federal #31-5-9-17	Monument Butte	NW NE	5	9S	17E	Duchesne	UT	PND	Green River	U-74808				
Monument Federal #31-10-9-17Y	Monument Butte	NW NE	10	9S	17E	Duchesne	UT	PND	Green River	U-65210		660' FNL, 1980' FEL	Vernal	
Monument Federal #31-22-8-17	Monument Butte	NW NE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		1036' FNL, 2338' FEL	Vernal (Private sfc.)	
Monument Federal #32-10-9-17Y	Monument Butte	SW NE	10	9S	17E	Duchesne	UT	PND	Green River	U-65210		1900' FNL, 1980' FEL	Vernal	
Monument Federal #32-20-9-18Y	8 Mile Flat	SW NE	20	9S	18E	Uintah	UT	PND	Green River	U-64917		1980' FNL, 1980' FEL	Vernal	
Monument Federal #33-6-9-16Y	Monument Butte	NW SE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390		1850' FSL, 1850' FEL	Vernal	
Monument Federal #32-22-8-17	Monument Butte	SW NE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		1980' FNL, 1980' FEL	Vernal (Private sfc.)	
Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	PND	Green River	U-72106		1926' FSL, 2000' FEL	Vernal	Beluga



**EQUITABLE RESOURCES  
ENERGY COMPANY**

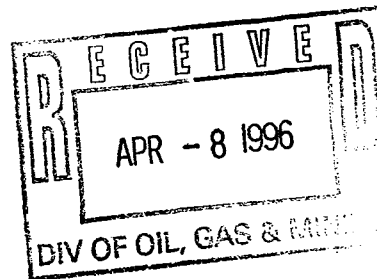
**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining  
355 West North Temple  
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

*Bobbie Schuman*  
Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosures

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:  
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:  
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well  
Footages: See attached listing

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:  
See attached listing

6. If Indian, Allottee or Tribe Name:  
n/a

7. Unit Agreement Name:  
See attached listing

8. Well Name and Number:  
See attached listing

9. API Well Number:  
See attached listing

10. Field and Pool, or Wildcat:  
See attached listing

County: See attached list

State: UTAH

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

### SUBSEQUENT REPORT (Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon *                                    | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection                         | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                    | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

APR - 8 1996

13. Name & Signature: Bobbie Schuman  
Bobbie Schuman

Title: Regulatory and Environmental Specialist Date: March 27, 1996

(This space for State use only)



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1	LEP 7-SJ
2	DTB 58-FILE
3	VLD (GIL) 24
4	RJE
5	LEP
6	FILM

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☒ ~~Operator Name Change Only~~

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator) <u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator) <u>EQUITABLE RESOURCES ENERGY CO</u>
(address) <u>1601 LEWIS AVE</u> (address) <u>BALCRON OIL DIVISION</u>
<u>BILLINGS MT 59102-4126</u> <u>1601 LEWIS AVE</u>
phone <u>(406) 259-7860</u> phone <u>(406) 259-7860</u>
account no. <u>N9890</u> account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>D13-30961</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). Rec'd 4-4-96 & 4-8-96
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- \* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- Yes 6. Cardex file has been updated for each well listed above. (4-11-96)
- Yes 7. Well file labels have been updated for each well listed above. (4-11-96)
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only)

# 5578314 (\$80,000) Sebec Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no)   . Today's date            19  . If yes, division response was made by letter dated            19  .

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated            19  , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96 2. Copies of documents have been sent to State Lands for changes involving State leases.  
Sent to Ed Bonner - Trust Lands

### FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: May 20 1996.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

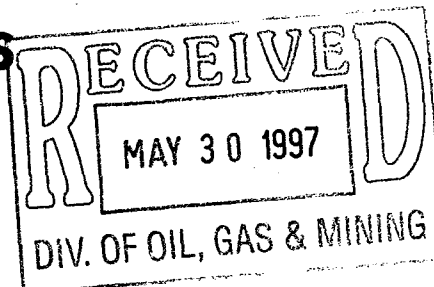
9/20/10 BLM/BIA "Formal approval not necessary"



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**WESTERN REGION**

1601 Lewis Avenue  
Billings, MT 59102



Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☐

May 27, 1997

Utah Board Of Oil, Gas, & Mining  
1594 West North Temple  
Suite-1220  
Salt Lake City, Utah 84114

In accordance with your request please find enclosed the 1997 produced water analysis for the Uinta Basin waterflood and water disposal operations which are operated by Equitable Resources Energy Company. These water analysis are for wells that are re-injecting or disposing produced water back into the Green River Formation via the following facilities:

Jonah Secondary Recovery Unit  
Beluga Secondary Recovery Unit  
Coyote Basin Secondary Recovery Unit  
Castle Draw (State Section-2) Pilot Waterflood  
Pariette Bench Water Disposal Well #4

Equitable Resources Energy Company inadvertently failed to submit a copy of these water analysis when they were sent to the EPA and BLM. If there are any questions please contact me at our Billings, Montana office at 406-259-7860.

Respectfully,

John Zellitti  
District Production Engineer

## Water Analysis Report

**Customer :** EREC - Western Oil Company

**Address :** 1601 Lewis Avenue

**City :** Billings

**State :** MT **Postal Code :** 59104-

**Attention :** John Zellitti

**cc1 :** Dan Farnsworth

**cc2 :** Joe Ivey

**cc3 :**

**Field :** Monument Butte Field

**Lease :** Monument Butte Lease

**Location :** Getty No. 7C

**Sample Point :** wellhead

**Date Sampled :** 23-Jan-97

**Date Received :** 23-Jan-97

**Date Reported :** 08-Feb-97

**Salesman :** Lee Gardiner

**Analyst :** Karen Hawkins Allen

*Jonah Unit*

### CATIONS

Calcium : 160 mg/l  
Magnesium : 107 mg/l  
Barium : 0 mg/l  
Strontium : 0 mg/l  
Iron : 1.0 mg/l  
Sodium : 13329 mg/l  
  
pH (field) : 8.48  
Temperature : 85 degrees F  
Ionic Strength : 0.60  
  
Resistivity : ohm/meters  
Ammonia : ppm  
  
Comments :

### ANIONS

Chloride: 20,600 mg/l  
Carbonate: 132 mg/l  
Bicarbonate: 805 mg/l  
Sulfate: 108 mg/l  
  
Specific Gravity : 1.03 grams/ml  
Total Dissolved Solids : 35,242 ppm  
CO2 in Water : 1 mg/l  
CO2 in Gas : 0.03 mole %  
H2S in Water : 0.0 mg/l  
O2 in Water : 0.000 ppm

### SI calculations based on Tomson-Oddo

Calcite (CaCO3) SI :	1.08	Calcite PTB :	118.9
Gypsum (CaSO4) SI :	-2.52	Gypsum PTB :	N/A
Barite (BaSO4) SI :	N/A	Barite PTB :	N/A
Celestite (SrSO4) SI :	N/A	Celestite PTB :	N/A

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 4 of 14

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S  
 EQUITABLE RESOURCES ENERGY  
 PO BOX 577  
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 9 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ CASTLE PK FED 33-15								
4301330632	11492 09S 16E 15		GRRV			4017985	Jonah (GE) Unit	
✓ CASTLE PK FED 42-15								
4301330633	11492 09S 16E 15		GRRV			"		
✓ CASTLE PK FED. 22-15								
4301330634	11492 09S 16E 15		GRRV			"		
✓ MONUMENT BUTTE 1-23								
4301330646	11492 09S 16E 1		GRRV			418399		
✓ MONUMENT BUTTE 1-14								
4301330703	11492 09S 16E 1		GRRV			"		
✓ MONUMENT BUTTE 1-43								
4301330734	11492 09S 16E 1		GRRV			452013		
✓ MONUMENT BUTTE 1-34								
4301330736	11492 09S 16E 1		GRRV			"		
✓ GETTY 12-1								
4301330889	11492 09S 16E 12		GRRV			44426		
✓ GETTY 7A								
4301330926	11492 09S 17E 7		GRRV			"		
✓ GETTY 7C								
4301330961	11492 09S 17E 7		GRRV			"		
✓ MONUMENT FEDERAL 23-5J								
4301331383	11492 09S 17E 5		GRRV			4020252		
✓ MONUMENT FEDERAL 14-5								
4301331385	11492 09S 17E 5		GRRV			"		
✓ MONUMENT FEDERAL 24-12J								
4301331409	11492 09S 16E 12		GRRV			4035521A	✓	
<b>TOTALS</b>								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

## DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- ☐ Abandon ☐ New Construction  
☐ Repair Casing ☐ Pull or Alter Casing  
☐ Change of Plans ☐ Recomplete  
☐ Convert to Injection ☐ Reperforate  
☐ Fracture Treat or Acidize ☐ Vent or Flare  
☐ Multiple Completion ☐ Water Shut-Off  
☒ Other Change of Operator

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- ☐ Abandon ☐ New Construction  
☐ Repair Casing ☐ Pull or Alter Casing  
☐ Change of Plans ☐ Reperforate  
☐ Convert to Injection ☐ Vent or Flare  
☐ Fracture Treat or Acidize ☐ Water Shut-Off  
☒ Other Change of Operator

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 1 1997

13.

Name & Signature:

*Chris A. Potter*

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

(This space for State use only)



# EQUITABLE RESOURCES ENERGY COMPANY

## WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

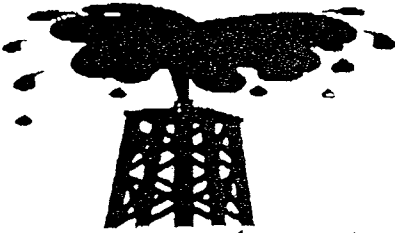
Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad  
Agent for Equitable Resources  
Energy Company

/mc



Crazy Mountain Oil & Gas Services  
P.O. Box 577  
Laurel, MT 59044  
(406) 628-4164  
(406) 628-4165

TO: Lisha  
St of Utah.

FROM. Molly Conrad  
Crazy Mountain Oil & Gas Services  
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested.  
Call if you need anything  
further.



## INLAND

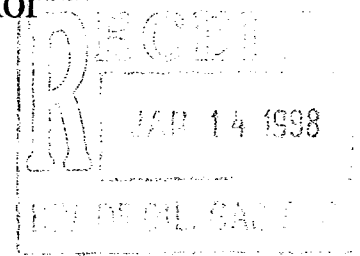
Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ BALCRON FEDERAL #24-3Y	SESW 3 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31397-00	UTU75037	
✓ BALCRON FEDERAL #44-4Y	SESE 4 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31452-00	UTU65967	
✓ BALCRON FEDERAL #14-3Y	SW SW 3 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31535-00	UTU75037	
✓ MONUMENT FEDERAL #11-11Y	NW NW 119S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31593-00	UTU65210	
✓ MONUMENT FEDERAL #31-5-9-17	NW NE 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31680-00	UTU74808	
ALLEN FEDERAL #1	SESE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15779-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #12-5	SWNW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30611-00	UTU020252	UTU72086A
✓ ALLEN FEDERAL #12-6	SWNW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30582-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #13-6	NWSW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30918-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #21-5	NENW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30612-00	UTU020252	UTU72086A
✓ ALLEN FEDERAL #21-6	LOT3 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30584-00	UTU020252A	UTU72086A
ALLEN FEDERAL #22-6	SENW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30919-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #23-6	NESW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30558-00	UTU020252A	UTU72086A
ALLEN FEDERAL #31-6	LOT2 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31195-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #32-6	SWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30559-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #34-6	SWSE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30586-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #41-6	NENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30581-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #43-6	NESE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30583-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL A #1	NWNW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15780-00	UTU020252	UTU72086A
✓ C&O GOV'T #1	NWSW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15111-00	UTU035521A	UTU72086A
✓ C&O GOV'T #2	NWSE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15112-00	UTU035521	UTU72086A
C&O GOV'T #4	NESW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30742-00	UTU035521A	UTU72086A
✓ CASTLE PEAK FEDERAL #22-15	SENW 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30634-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #24-15	SESW 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30631-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #31-15	NWNE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30613-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #33-15	NWSE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30632-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #44-10	SESE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30630-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #42-15	SENE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30633-00	UTU017985	UTU72086A
✓ FEDERAL #2-1	NENE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30603-00	UTU33992	UTU72086A
✓ GETTY #12-1	NWNE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30889-00	UTU44426	UTU72086A
✓ GETTY #7-A	NENE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30926-00	UTU44426	UTU72086A
✓ GETTY #7-C	NENW 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30961-00	UTU44426	UTU72086A
✓ GOATES FEDERAL #1	SESW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15789-00	UTU096547	UTU72086A
✓ GOATES FEDERAL #3	NWNW 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15791-00	UTU096547	UTU72086A
✓ MONUMENT BUTTE #1-14	SWSW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30703-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE #1-23	NESW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30646-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE #1-24	SESW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30701-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE #1-34	SWSE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30736-00	UTU52013	UTU72086A
✓ MONUMENT BUTTE #1-43	NESE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30734-00	UTU52013	UTU72086A



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
UT-931

January 13, 1998

Inland Production Company  
475 17th Street, Suite 1500  
Denver, Colorado 80202

Re: Jonah (Green River) Unit  
Duchesne County, Utah

Gentlemen:

On January 13, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Jonah (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 13, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Jonah (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Jonah (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)  
~~Division of Oil, Gas & Mining~~  
Minerals Adjudication Group U-932  
File - Jonah (Green River) Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

U-931:TAThompson:tt:1/13/98

WELL STATUS REPORTS  
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM UTU72086A JONAH (GR) SECONDARY RECOVERY UNIT									
UTU72086A	430131511100S1	1	NWSW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578000S1	1	NWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131577900S1	1	SESE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578900S1	1	SESW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430131579200S1	1	SESE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133070200S1	1-13	NWSW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070300S1	1-14	SWSW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133064600S1	1-23	NESW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070100S1	1-24	SESW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133073500S1	1-33	NWSE	1	9S	16E	WIW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073600S1	1-34	SWSE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073400S1	1-43	NESE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133136200S1	11-6	L4	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149200S1	11-7J	NWNW	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133088900S1	12-1	NWNE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133141700S1	12-11J	SWNW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141000S1	12-12J	SWNW	12	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133061100S1	12-5	SWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058200S1	12-6	SWNW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149300S1	12-7J	SWNW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430131579000S1	13-11J	NWSW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133137000S1	13-5	NWSW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091800S1	13-6	NWSW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133137400S1	14-11	SWSW	11	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133141100S1	14-12J	SWSW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133138500S1	14-5	SWSW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131511200S1	2	NWSE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430131579300S1	2	NWNE	14	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133060300S1	2-1	L1	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
<del>UTU72086A</del>	<del>430133140600X1</del>	<del>21-12J</del>	<del>NENW</del>	<del>12</del>	<del>9S</del>	<del>16E</del>	<del>ABD</del>	<del>UTU096550</del>	<del>EQUITABLE RESOURCES ENERG</del>
UTU72086A	430133142100S1	21-14J	NENW	14	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
<del>UTU72086A</del>	<del>430133142200X1</del>	<del>21-15J</del>	<del>NENW</del>	<del>15</del>	<del>9S</del>	<del>16E</del>	<del>ABD</del>	<del>UTU017985</del>	<del>EQUITABLE RESOURCES ENERG</del>
UTU72086A	430133061200S1	21-5	NENW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058400S1	21-6	L3	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579600S2	22-12J	SESW	12	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063400S1	22-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138400S1	22-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091900S1	22-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133136900S1	23-11	NESW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133137300S1	23-15	NESW	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138300S1	23-5	NESW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133055800S1	23-6	NESW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140900S1	24-12J	SESW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063100S1	24-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133137500S1	24-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133136300S1	24-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579100S1	3	NWNW	14	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133061300S1	31-15	NWNE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG

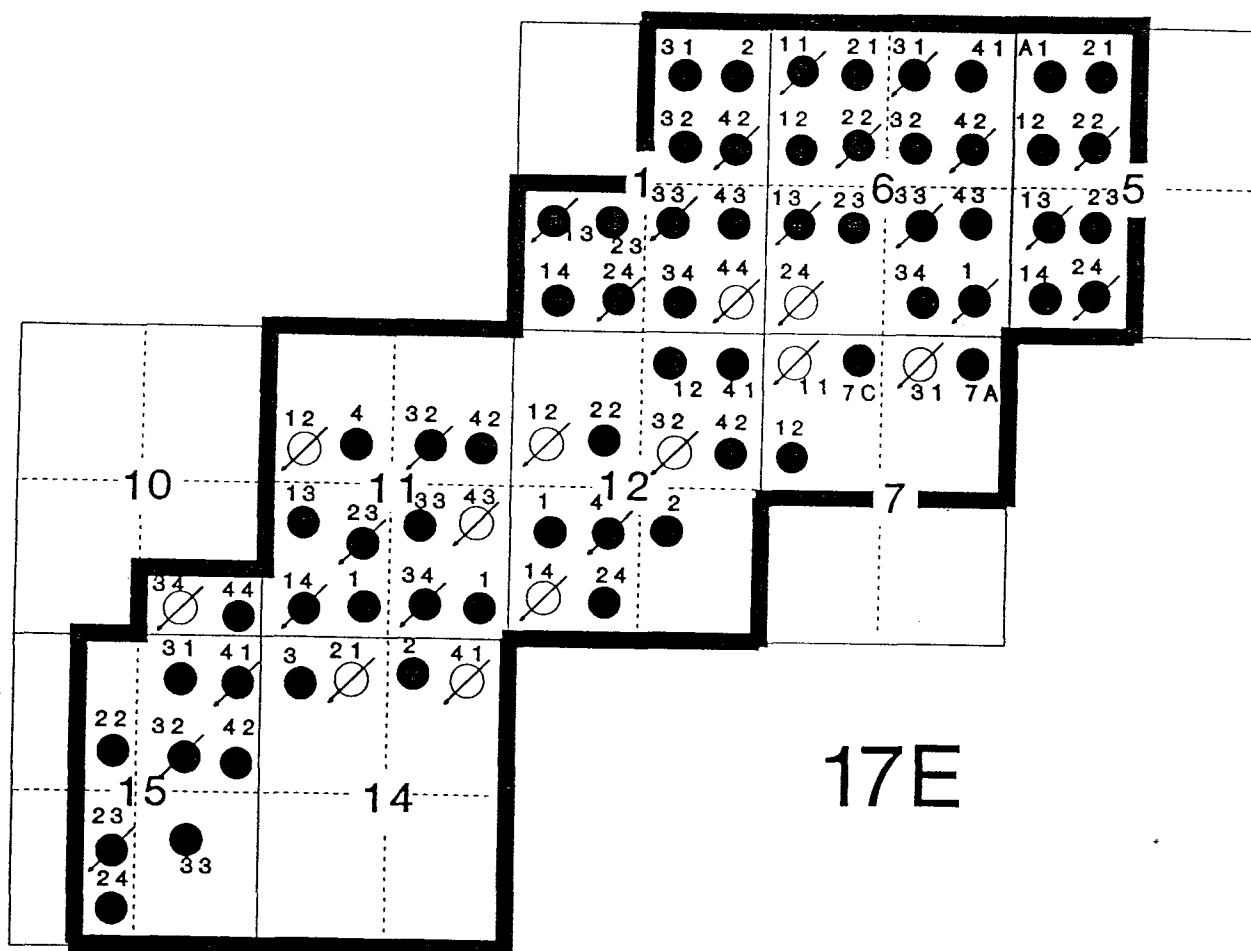
WELL STATUS REPORTS  
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
UTU72086A	430133141300S1	31-1J	L2	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133119500S1	31-6	L2	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140500S1	31-7J	NWNE	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133138600S1	32-11	SWNE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141900S1	32-12J	SWNE	12	9S	16E	WIW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133136800S1	32-15	SWNE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141400S1	32-1J	SWNE	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133055900S1	32-6	SWNE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133145100S1	33-11J	NWSE	11	9S	16E	OSI	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063200S1	33-15	NWSE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133136100S1	33-6	NWSE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133141600S1	34-10J	SWSE	10	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133100300S1	34-11	SWSE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058600S1	34-6	SWSE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133074200S1	4	NESW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579500S1	4	SENW	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148700S1	41-12J	NENE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133140800S1	41-14J	NENE	14	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133136700S1	41-15	NENE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133058100S1	41-6	NENE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133006600S1	42-11J	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148600S1	42-12J	SENE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133063300S1	42-15	SENE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133140400S1	42-1J	SENE	1	9S	16E	WIW	UTU40652	EQUITABLE RESOURCES ENERG
UTU72086A	430133136400S1	42-6	SENE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133100200S1	43-11J	NESE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058300S1	43-6	NESE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063000S1	44-10	SESE	10	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141500S1	44-1J	SESE	1	9S	16E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133092600S1	7-A	NENE	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133096100S1	7-C	NENW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG

# JONAH (GREEN RIVER) UNIT

## DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1993



16E

17E

9S

— UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

SECONDARY  
ALLOCATION  
FEDERAL 100.00%

## OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing:	
1-IEC	6-IEC
2-GEH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 9-30-97TO: (new operator) INLAND PRODUCTION COMPANY(address) PO BOX 1446ROOSEVELT UT 84066Phone: (801) 722-5103Account no. N5160

FROM: (old operator)

(address)

EQUITABLE RESOURCES ENERGYPO BOX 577LAUREL MT 59044C/O CRAZY MTN O&G SVSPhone: (406) 628-4164Account no. N9890

WELL(S) attach additional page if needed:

**\*JONAH (GREEN RIVER) UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>A3-013-30961</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 12-10-97)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-13-97)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (1-14-98) \* UIC/Que/Hro Pro 1-14-98 & UIC/DBase 1-14-98.
- lec 6. **Cardex** file has been updated for each well listed above.
- lec 7. Well **file labels** have been updated for each well listed above.
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (1-14-98)
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

## ENTITY REVIEW

- hc 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.  
*Entity 11492 "Jonah (GP) Unit"*
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY)

- N/A hc 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
2. A **copy of this form** has been placed in the new and former operator's bond files.
3. The **FORMER** operator has requested a release of liability from their bond (yes/no)    , as of today's date    . If yes, division response was made to this request by letter dated    .

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A hc 1. Copies of documents have been sent on     to     at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated     19    , of their responsibility to notify all interest owners of this change.

## FILMING

- VS 1. All attachments to this form have been **microfilmed**. Today's date: 2-3-98.

## FILING

1. **Copies** of all attachments to this form have been filed in each **well file**.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

## COMMENTS

980114 BLM/SL Aprv. eff. 1-13-98.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1129 FNL 2229 FWL NE/NW Section 7, T09S R17E**

5. Lease Designation and Serial No.

**U-44426**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**JONAH**

8. Well Name and No.

**GETTY 7C**

9. API Well No.

**43-013-30961**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

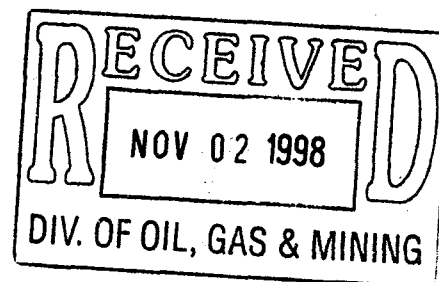
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Site Security

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

*Debbie E. Knight*

Title

Manager, Regulatory Compliance

Date

10/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



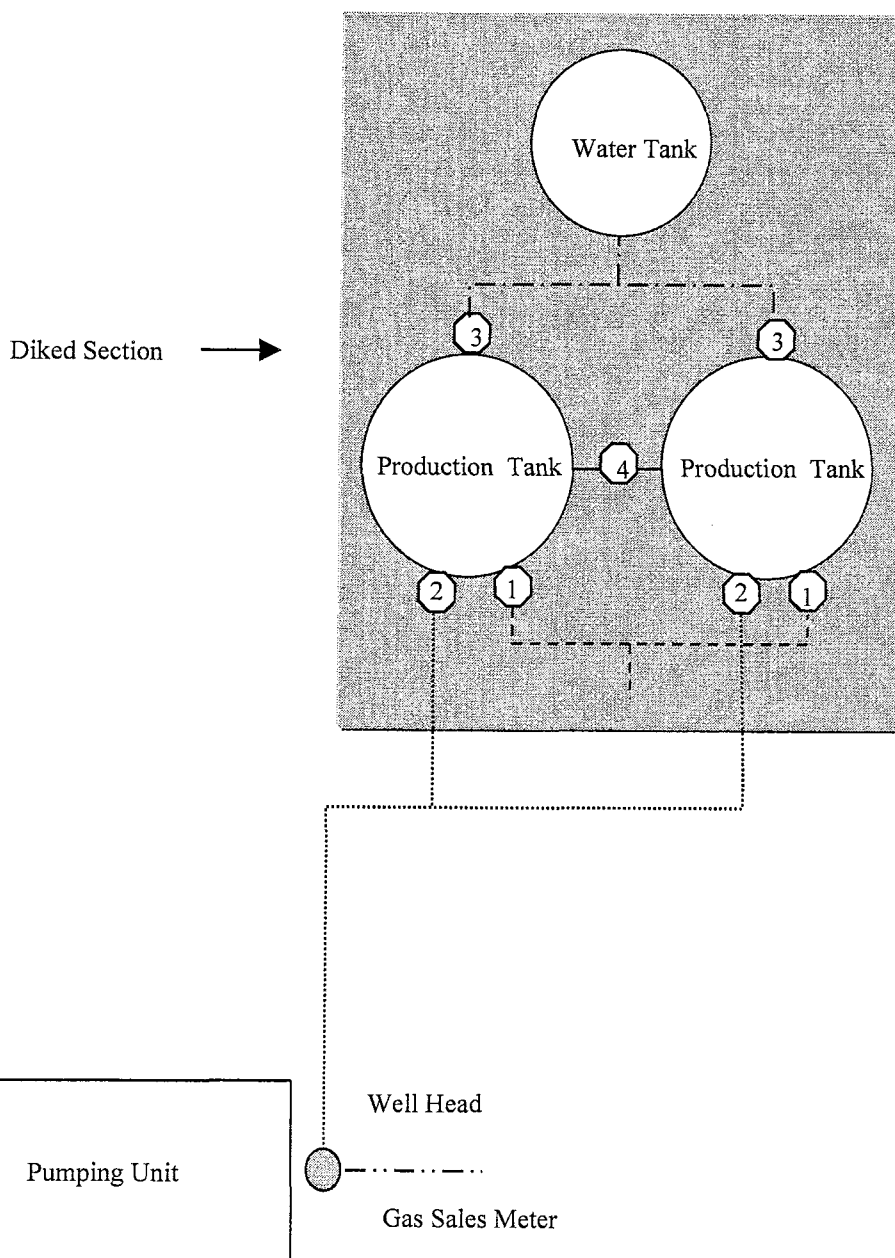
# Inland Production Company Site Facility Diagram

Getty 7C

NW/NW Sec. 7, T9S, 17E

Duchesne County

May 12, 1998



Site Security Plan is held at the  
Roosevelt Office, Roosevelt Utah

## Production Phase:

- 1) Valves 1, and 3 sealed closed
- 2) Valves 2 and 4 sealed open

## Sales Phase:

- 1) Valves 2, 3, and 4 sealed closed
- 2) Valves 1 open

## Draining Phase:

- 1) Valve 3 open

## Legend

Emulsion Line	.....
Load Line	-----
Water Line	- . - . - .
Gas Sales	- - - - -



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office  
From: Acting Chief, Branch of Fluid Minerals  
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare



## Office of the Secretary of State

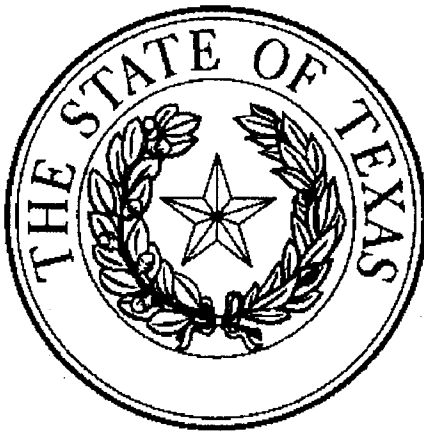
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas

SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004****FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO: ( New Operator):**

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**CA No.****Unit:****JONAH (GREEN RIVER)****WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON FED 42-1J	01	090S	160E	4301331404	11492	Federal	WI	A
MON FED 43-11J	11	090S	160E	4301331002	11492	Federal	WI	A
WALTON FED 34-11	11	090S	160E	4301331003	11492	Federal	WI	A
MON FED 23-11J	11	090S	160E	4301331369	11492	Federal	WI	A
MON FED 14-11J	11	090S	160E	4301331374	11492	Federal	WI	A
MON FED 32-11J	11	090S	160E	4301331386	11492	Federal	WI	A
MON FED 41-15	15	090S	160E	4301331367	11492	Federal	WI	A
MON FED 32-15J	15	090S	160E	4301331368	11492	Federal	WI	A
MON FED 23-15	15	090S	160E	4301331373	11492	Federal	WI	A
MON FED 13-5	05	090S	170E	4301331370	11492	Federal	WI	A
MON FED 24-5	05	090S	170E	4301331375	11492	Federal	WI	A
MONUMENT FED 23-5J	05	090S	170E	4301331383	11492	Federal	OW	P
MON FED 22-5	05	090S	170E	4301331384	11492	Federal	WI	A
MONUMENT FED 14-5	05	090S	170E	4301331385	11492	Federal	OW	P
ALLEN FED 31-6	06	090S	170E	4301331195	11492	Federal	WI	A
MONUMENT 33-6	06	090S	170E	4301331361	11492	Federal	WI	A
MON FED 11-6	06	090S	170E	4301331362	11492	Federal	WI	A
MON FED 24-6	06	090S	170E	4301331363	11492	Federal	WI	A
MON FED 42-6	06	090S	170E	4301331364	11492	Federal	WI	A
GETTY 7C	07	090S	170E	4301330961	11492	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-44426
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> GETTY 7C
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1129 FNL 2229 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 07 Township: 09.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013309610000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/16/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">           The above reference well was put on injection at 9:25 AM on            08/16/2013. EPA # UT22197-09930         </div> <div style="width: 35%; text-align: right;"> <b>Accepted by the            Utah Division of            Oil, Gas and Mining            FOR RECORD ONLY            September 12, 2013</b> </div> </div>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/19/2013	



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-44426
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> GETTY 7C
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>9. API NUMBER:</b> 43013309610000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1129 FNL 2229 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 07 Township: 09.0S Range: 17.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>8/1/2013</b>	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 08/01/2013. Initial MIT on the above listed well. On 08/01/2013 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09930

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

Date: September 12, 2013

By: 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 8/9/2013

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 8/1/13  
Test conducted by: Don Trane  
Others present: \_\_\_\_\_

Well Name: <u>Getty 7-C</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>Getty 7-C</u> Sec: <u>7</u> T: <u>2</u> N(S) R: <u>17</u> E/W County: <u>Duchesne</u> State: <u>Utah</u>		
Operator: <u>Don Trane</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No  
Initial test for permit? ☒ Yes ☐ No  
Test after well rework? ☐ Yes ☒ No  
Well injecting during test? ☐ Yes ☒ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: \_\_\_\_\_ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING</b>	<b>PRESSURE</b>		
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
<b>CASING / TUBING</b>	<b>ANNULUS</b>	<b>PRESSURE</b>	
0 minutes	<u>1460</u> psig	psig	psig
5 minutes	<u>1460</u> psig	psig	psig
10 minutes	<u>1460</u> psig	psig	psig
15 minutes	<u>1460</u> psig	psig	psig
20 minutes	<u>1460</u> psig	psig	psig
25 minutes	<u>1460</u> psig	psig	psig
30 minutes	<u>1460</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

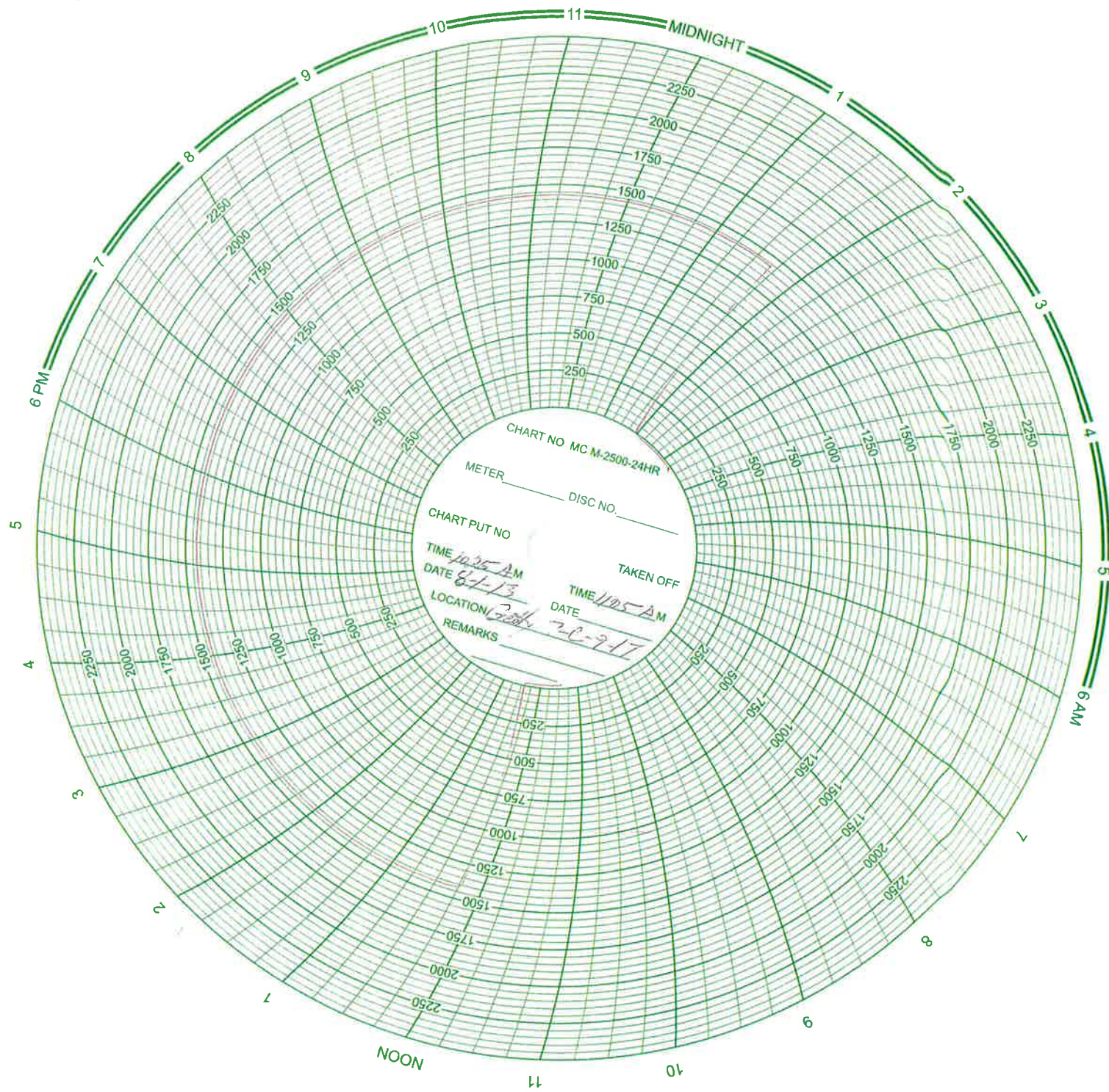
## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_



Sundry Number: 41193 API Well Number: 43013309610000



## Daily Activity Report

Format For Sundry

GETTY 7-C-9-17

5/1/2013 To 9/30/2013

5/2/2013 Day: 13

Conversion

WWS #9 on 5/2/2013 - Set packer, try to get test. - TRAVEL TO LOCATION, SAFETY MEETING, JSA, PRESSURE WAS 1500 PSI ON WELL, PRESSURE UP TO 1500PSI TRY AND HOLD FOR 30 MIN, HOOK UP FLOW LINES, SLOW LEAK, KEEP PRESSURE 1500 PSI , OPEN PACKER AND CIRCULATE WELL 20 BBLS REPUMP CHEMICAL, SET PACKER, KEEP PRESSURE 1500 PSI, RELEASE PACKER, CIRCULATE 10BBLS, POOH 3 JOINTS TBG, SET PACKER, PACKER HELD AT 1,000PSI, RELEASE PACKER, RIH 3 JOINTS TBG, SET PACKER, REPUMP CHEMICAL, KEEP PRESSURE UP TO 2,000 PSI, PRESSURE UP TO 2,000 PSI HOLD FOR 30MIN. SLOW LEAK, AFTER 1700PSI DROPED 100PSI EVERY 5MIN. PRESSURE UP TO 2,000 PSI HOLD FOR 30MIN. SLOW LEAK, AFTER 1700PSI DROPED 100PSI EVERY 5 MIN. HOOKED UP NITROGEN, PRESSURE TO 2,000PSI OVER NIGHT, RIGED DOWN HOT OIL HARDLINE PICK UP LOCATION, SHUT IN WELL, TRAVEL TO VERNAL - TRAVEL TO LOCATION, SAFETY MEETING, JSA, PRESSURE WAS 1500 PSI ON WELL, PRESSURE UP TO 1500PSI TRY AND HOLD FOR 30 MIN, HOOK UP FLOW LINES, SLOW LEAK, KEEP PRESSURE 1500 PSI , OPEN PACKER AND CIRCULATE WELL 20 BBLS REPUMP CHEMICAL, SET PACKER, KEEP PRESSURE 1500 PSI, RELEASE PACKER, CIRCULATE 10BBLS, POOH 3 JOINTS TBG, SET PACKER, PACKER HELD AT 1,000PSI, RELEASE PACKER, RIH 3 JOINTS TBG, SET PACKER, REPUMP CHEMICAL, KEEP PRESSURE UP TO 2,000 PSI, PRESSURE UP TO 2,000 PSI HOLD FOR 30MIN. SLOW LEAK, AFTER 1700PSI DROPED 100PSI EVERY 5MIN. PRESSURE UP TO 2,000 PSI HOLD FOR 30MIN. SLOW LEAK, AFTER 1700PSI DROPED 100PSI EVERY 5 MIN. HOOKED UP NITROGEN, PRESSURE TO 2,000PSI OVER NIGHT, RIGED DOWN HOT OIL HARDLINE PICK UP LOCATION, SHUT IN WELL, TRAVEL TO VERNAL - TRAVEL TO LOCATION SAFETY MEETING, JSA, BLEED WELL DOWN, HOLD PRESSURE FROM 1500PSI FOR 30 MIN CHECK EVERY 5 MIN, DROPPED 50PSI EVERY 5 MIN HOLD PRESSURE AT 1500PSI, DROPPED 50PSI EVERY 5 MIN. ROLL WELL W/20 BBLS, WAIT ON DECISION ON WELL, PULL PACKER OUT RUN IN TBG( 2-7/8" NOTCH COLLAR, NIPPLE, 126- 2-7/8" TBG) 4007.18' FLUSH TBG W/60BBLS RD FLOOR STRIP OFF BOP, PUT WELL HEAD ON, RIG DOWN MOVE RIG TO NEW LOCATION - TRAVEL TO LOCATION SAFETY MEETING, JSA, BLEED WELL DOWN, HOLD PRESSURE FROM 1500PSI FOR 30 MIN CHECK EVERY 5 MIN, DROPPED 50PSI EVERY 5 MIN HOLD PRESSURE AT 1500PSI, DROPPED 50PSI EVERY 5 MIN. ROLL WELL W/20 BBLS, WAIT ON DECISION ON WELL, PULL PACKER OUT RUN IN TBG( 2-7/8" NOTCH COLLAR, NIPPLE, 126- 2-7/8" TBG) 4007.18' FLUSH TBG W/60BBLS RD FLOOR STRIP OFF BOP, PUT WELL HEAD ON, RIG DOWN MOVE RIG TO NEW LOCATION - TRAVEL TO LOCATION, SAFETY MEETING, JSA, PRESSURE WAS 1500 PSI ON WELL, PRESSURE UP TO 1500PSI TRY AND HOLD FOR 30 MIN, HOOK UP FLOW LINES, SLOW LEAK, KEEP PRESSURE 1500 PSI , OPEN PACKER AND CIRCULATE WELL 20 BBLS REPUMP CHEMICAL, SET PACKER, KEEP PRESSURE 1500 PSI, RELEASE PACKER, CIRCULATE 10BBLS, POOH 3 JOINTS TBG, SET PACKER, PACKER HELD AT 1,000PSI, RELEASE PACKER, RIH 3 JOINTS TBG, SET PACKER, REPUMP CHEMICAL, KEEP PRESSURE UP TO 2,000 PSI, PRESSURE UP TO 2,000 PSI HOLD FOR 30MIN. SLOW LEAK, AFTER 1700PSI DROPED 100PSI EVERY 5MIN. PRESSURE UP TO 2,000 PSI HOLD FOR 30MIN. SLOW LEAK, AFTER 1700PSI DROPED 100PSI EVERY 5 MIN. HOOKED UP NITROGEN, PRESSURE TO 2,000PSI OVER NIGHT, RIGED DOWN HOT OIL HARDLINE PICK UP LOCATION, SHUT IN WELL, TRAVEL TO VERNAL - TRAVEL TO LOCATION, SAFETY MEETING, JSA, PRESSURE WAS 1500 PSI ON WELL, PRESSURE UP TO 1500PSI TRY AND HOLD FOR 30 MIN, HOOK UP FLOW LINES, SLOW LEAK, KEEP PRESSURE 1500 PSI , OPEN PACKER AND CIRCULATE WELL 20 BBLS REPUMP CHEMICAL, SET PACKER, KEEP PRESSURE 1500 PSI, RELEASE PACKER, CIRCULATE 10BBLS, POOH 3 JOINTS TBG, SET PACKER, PACKER HELD AT 1,000PSI, RELEASE PACKER, RIH 3 JOINTS TBG, SET PACKER, REPUMP CHEMICAL, KEEP PRESSURE UP TO 2,000 PSI, PRESSURE UP TO 2,000 PSI HOLD FOR 30MIN. SLOW LEAK, AFTER 1700PSI DROPED 100PSI EVERY 5MIN. PRESSURE UP TO



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FLANGE TEST CSG TO 1525PSI (LOST 200PSI IN 45 MIN),PUMP UP TO 1525 SIS, CLEAN LOCATION, SDFN CREW TRAVEL - FLUSH TBG W/ 20 BBLS , DROP STANDING VALVE , TEST TBG TO 2500PSI , TBG TEST FAILED ( LOST 100 PSI IN 10 MIN), LD 3 JTS , PULL CSG PATCH, TEST TBG TO 2500 PSI (GOOD TEST ) , RUN PATCH IN HOLE, TEST TO 2500PSI , (TEST FAILED) , PULL PATCH TO INTERNAL LEAK, CHANGE OUT 2' PUP AND COLLAR, TEST TO 2500PSI (FAILED), LD PATCH, BREAK APART AND REASSEMBLE, PU RIH PATCH PU 3 JTS , TEST RU SWAB TO RETRIEVE STANDING VALVE , RD SWAB SET PATCH W/ 10,000 COMPRESSION STRIP BOPS ,SET BOTTOM PACKER, NU TBG FLANGE TEST CSG TO 1525PSI (LOST 200PSI IN 45 MIN),PUMP UP TO 1525 SIS, CLEAN LOCATION, SDFN CREW TRAVEL - FLUSH TBG W/ 20 BBLS , DROP STANDING VALVE , TEST TBG TO 2500PSI , TBG TEST FAILED ( LOST 100 PSI IN 10 MIN), LD 3 JTS , PULL CSG PATCH, TEST TBG TO 2500 PSI (GOOD TEST ) , RUN PATCH IN HOLE, TEST TO 2500PSI , (TEST FAILED) , PULL PATCH TO INTERNAL LEAK, CHANGE OUT 2' PUP AND COLLAR, TEST TO 2500PSI (FAILED), LD PATCH, BREAK APART AND REASSEMBLE, PU RIH PATCH PU 3 JTS , TEST RU SWAB TO RETRIEVE STANDING VALVE , RD SWAB SET PATCH W/ 10,000 COMPRESSION STRIP BOPS ,SET BOTTOM PACKER, NU TBG FLANGE TEST CSG TO 1525PSI (LOST 200PSI IN 45 MIN),PUMP UP TO 1525 SIS, CLEAN LOCATION, SDFN CREW TRAVEL - FLUSH TBG W/ 20 BBLS , DROP STANDING VALVE , TEST TBG TO 2500PSI , TBG TEST FAILED ( LOST 100 PSI IN 10 MIN), LD 3 JTS , PULL CSG PATCH, TEST TBG TO 2500 PSI (GOOD TEST ) , RUN PATCH IN HOLE, TEST TO 2500PSI , (TEST FAILED) , PULL PATCH TO INTERNAL LEAK, CHANGE OUT 2' PUP AND COLLAR, TEST TO 2500PSI (FAILED), LD PATCH, BREAK APART AND REASSEMBLE, PU RIH PATCH PU 3 JTS , TEST RU SWAB TO RETRIEVE STANDING VALVE , RD SWAB SET PATCH W/ 10,000 COMPRESSION STRIP BOPS ,SET BOTTOM PACKER, NU TBG FLANGE TEST CSG TO 1525PSI (LOST 200PSI IN 45 MIN),PUMP UP TO 1525 SIS, CLEAN LOCATION, SDFN CREW TRAVEL - crew travel and safety meeting p.o.o.h. with compression packer pick up tension packer r.i.h. set packer @ 145' pressure test to 1500 p.s.i. held release packer p.o.o.h. with packer to 130' set packer test casing to 1500 p.s.i. held p.o.o.h. lay down packer pick up retrieving head r.i.h. with tubing to 3900' pick up casing patch set casing patch over hole @ 138' pressure test patch to 1500 p.s.i. unable to get a good test pressure well to 1600 p.s.i. secure well s.d.f.n. Crew travel - crew travel and safety meeting p.o.o.h. with compression packer pick up tension packer r.i.h. set packer @ 145' pressure test to 1500 p.s.i. held release packer p.o.o.h. with packer to 130' set packer test casing to 1500 p.s.i. held p.o.o.h. lay down packer pick up retrieving head r.i.h. with tubing to 3900' pick up casing patch set casing patch over hole @ 138' pressure test patch to 1500 p.s.i. unable to get a good test pressure well to 1600 p.s.i. secure well s.d.f.n. Crew travel - crew travel and safety meeting p.o.o.h. with compression packer pick up tension packer r.i.h. set packer @ 145' pressure test to 1500 p.s.i. held release packer p.o.o.h. with packer to 130' set packer test casing to 1500 p.s.i. held p.o.o.h. lay down packer pick up retrieving head r.i.h. with tubing to 3900' pick up casing patch set casing patch over hole @ 138' pressure test patch to 1500 p.s.i. unable to get a good test pressure well to 1600 p.s.i. secure well s.d.f.n. Crew travel - crew travel and safety meeting p.o.o.h. with compression packer pick up tension packer r.i.h. set packer @ 145' pressure test to 1500 p.s.i. held release packer p.o.o.h. with packer to 130' set packer test casing to 1500 p.s.i. held p.o.o.h. lay down packer pick up retrieving head r.i.h. with tubing to 3900' pick up casing patch set casing patch over hole @ 138' pressure test patch to 1500 p.s.i. unable to get a good test pressure well to 1600 p.s.i. secure well s.d.f.n. Crew travel - crew travel and safety meeting p.o.o.h. with compression packer pick up tension packer r.i.h. set packer @ 145' pressure test to 1500 p.s.i. held release packer p.o.o.h. with packer to 130' set packer test casing to 1500 p.s.i. held p.o.o.h. lay down packer pick up retrieving head r.i.h. with tubing to 3900' pick up casing

[illegible]

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**6/26/2013 Day: 28**

**Conversion**

Basic #1659 on 6/26/2013 - try to set casing patch - Crew travel and safety meeting well pressure was 1500 p.s.i. @ 4:40p.m. yesterday pressure was 750 @ 6:45a.m. attempt to get a pressure test on casing patch release casing patch p.o.o.h. break tool down for rebuild r.i.h. latch plug release plug flush well with 80 bbls 250 degree water p.o.o.h. with tubing lay down plug secure well s.d.f.n. Crew travel - Crew travel and safety meeting well pressure was 1500 p.s.i. @ 4:40p.m. yesterday pressure was 750 @ 6:45a.m. attempt to get a pressure test on casing patch release casing patch p.o.o.h. break tool down for rebuild r.i.h. latch plug release plug flush well with 80 bbls 250 degree water p.o.o.h. with tubing lay down plug secure well s.d.f.n. Crew travel - Crew travel and safety meeting well pressure was 1500 p.s.i. @ 4:40p.m. yesterday pressure was 750 @ 6:45a.m. attempt to get a pressure test on casing patch release casing patch p.o.o.h. break tool down for rebuild r.i.h. latch plug release plug flush well with 80 bbls 250 degree water p.o.o.h. with tubing lay down plug secure well s.d.f.n. Crew travel - Crew travel and safety meeting well pressure was 1500 p.s.i. @ 4:40p.m. yesterday pressure was 750 @ 6:45a.m. attempt to get a pressure test on casing patch release casing patch p.o.o.h. break tool down for rebuild r.i.h. latch plug release plug flush well with 80 bbls 250 degree water p.o.o.h. with tubing lay down plug secure well s.d.f.n. Crew travel

**Daily Cost:** \$0

**Cumulative Cost:** \$340,722

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**7/3/2013 Day: 29**

**Conversion**

Basic #1659 on 7/3/2013 - try to set casing patch - Crew travel and safety meeting pick up scraper r.i.h. to 150' run scraper through 50' section 10 times p.o.o.h. lay down scraper r.i.h. with packer and casing patch circulate well with city water pump packer fluid spot at packer secure well rig was down for repairs - Crew travel and safety meeting pick up scraper r.i.h. to 150' run scraper through 50' section 10 times p.o.o.h. lay down scraper r.i.h. with packer and casing patch circulate well with city water pump packer fluid spot at packer secure well rig was down for repairs - check pressure well had 1475 p.s.i. @ 6:30 yesterday pressure 750 p.s.i. @ 7:00 a.m. today attempt to get test bleed of is 10 p.s.i. every 10 minutes nipple down well head nipple up b.o.p. rig up work floor release packer and patch flush well with 60 bbls 220 degree water p.o.o.h. lay down patch and packer r.i.h. w tubing rig down floor nipple down b.o.p. land well nipple up well head secure well s.d.f.n. - check pressure well had 1475 p.s.i. @ 6:30 yesterday pressure 750 p.s.i. @ 7:00 a.m. today attempt to get test bleed of is 10 p.s.i. every 10 minutes nipple down well head nipple up b.o.p. rig up work floor release packer and patch flush well with 60 bbls 220 degree water p.o.o.h. lay down patch and packer r.i.h. w tubing rig down floor nipple down b.o.p. land well nipple up well head secure well s.d.f.n. - Crew travel and safety meeting pick up scraper r.i.h. to 150' run scraper through 50' section 10 times p.o.o.h. lay down scraper r.i.h. with packer and casing patch circulate well with city water pump packer fluid spot at packer secure well rig was down for repairs - check pressure well had 1475 p.s.i. @ 6:30 yesterday pressure 750 p.s.i. @ 7:00 a.m. today attempt to get test bleed of is 10 p.s.i. every 10 minutes nipple down well head nipple up b.o.p. rig up work floor release packer and patch flush well with 60 bbls 220 degree water p.o.o.h. lay down patch and packer r.i.h. w tubing rig down floor nipple down b.o.p. land well nipple up well head secure well s.d.f.n. - check pressure well had 1475 p.s.i. @ 6:30 yesterday pressure 750 p.s.i. @ 7:00 a.m. today attempt to get test bleed of is 10 p.s.i. every 10 minutes nipple down well head nipple up b.o.p. rig up work floor release packer and patch flush well with 60 bbls 220 degree water p.o.o.h. lay down patch and packer r.i.h. w tubing rig down floor nipple down b.o.p. land well nipple up well head secure well s.d.f.n. - Crew travel and safety meeting pick up scraper r.i.h. to 150' run scraper through 50' section 10 times p.o.o.h. lay down scraper r.i.h. with packer and casing patch circulate well with city water pump packer fluid spot at packer secure well rig was down for repairs - Crew travel and safety



meeting pick up scraper r.i.h. to 150' run scraper through 50' section 10 times p.o.o.h. lay down scraper r.i.h. with packer and casing patch circulate well with city water pump packer fluid spot at packer secure well rig was down for repairs - check pressure well had 1475 p.s.i. @ 6:30 yesterday pressure 750 p.s.i. @ 7:00 a.m. today attempt to get test bleed of is 10 p.s.i. every 10 minutes nipple down well head nipple up b.o.p. rig up work floor release packer and patch flush well with 60 bbls 220 degree water p.o.o.h. lay down patch and packer r.i.h. w tubing rig down floor nipple down b.o.p. land well nipple up well head secure well s.d.f.n. - check pressure well had 1475 p.s.i. @ 6:30 yesterday pressure 750 p.s.i. @ 7:00 a.m. today attempt to get test bleed of is 10 p.s.i. every 10 minutes nipple down well head nipple up b.o.p. rig up work floor release packer and patch flush well with 60 bbls 220 degree water p.o.o.h. lay down patch and packer r.i.h. w tubing rig down floor nipple down b.o.p. land well nipple up well head secure well s.d.f.n. - Crew travel and safety meeting pick up scraper r.i.h. to 150' run scraper through 50' section 10 times p.o.o.h. lay down scraper r.i.h. with packer and casing patch circulate well with city water pump packer fluid spot at packer secure well rig was down for repairs - Crew travel and safety meeting pick up scraper r.i.h. to 150' run scraper through 50' section 10 times p.o.o.h. lay down scraper r.i.h. with packer and casing patch circulate well with city water pump packer fluid spot at packer secure well rig was down for repairs - Crew travel and safety meeting pick up scraper r.i.h. to 150' run scraper through 50' section 10 times p.o.o.h. lay down scraper r.i.h. with packer and casing patch circulate well with city water pump packer fluid spot at packer secure well rig was down for repairs - check pressure well had 1475 p.s.i. @ 6:30 yesterday pressure 750 p.s.i. @ 7:00 a.m. today attempt to get test bleed of is 10 p.s.i. every 10 minutes nipple down well head nipple up b.o.p. rig up work floor release packer and patch flush well with 60 bbls 220 degree water p.o.o.h. lay down patch and packer r.i.h. w tubing rig down floor nipple down b.o.p. land well nipple up well head secure well s.d.f.n. - check pressure well had 1475 p.s.i. @ 6:30 yesterday pressure 750 p.s.i. @ 7:00 a.m. today attempt to get test bleed of is 10 p.s.i. every 10 minutes nipple down well head nipple up b.o.p. rig up work floor release packer and patch flush well with 60 bbls 220 degree water p.o.o.h. lay down patch and packer r.i.h. w tubing rig down floor nipple down b.o.p. land well nipple up well head secure well s.d.f.n. **Finalized**  
**Daily Cost:** \$0  
**Cumulative Cost:** \$347,567

## 7/29/2013 Day: 31

## Conversion

NC #1 on 7/29/2013 - mirsr, open up well, n/d injection tree, n/u bop, pooh beacking dopping tbg w/ 126, p/u pkr rih w/ 4 jts set, test cgs, to 1500 psi, - 5:30AM to 6:00AM: MIRUSU: SICP 80psi SITP 0psi, OWU, ND injection tree, NU Weatherford BOP, H/Oiler flushed tbg w/60BW, POOH w/ 126- jts of 2 3/8" tbg breaking collars & applying liquid o-ring to pins, PU PKR w/ 4-jts, set @ 131', H/Oiler filled annulis, Isolated csg, PT to 1500psi, 4.5psi loss per min in 60 min, Repressured to 1550psi, 140psi loss in 30min, Pressured back to 1500psi, SWIFN.....6:30PM TO 7:00PM c/ travl - 5:30AM to 6:00AM: MIRUSU: SICP 80psi SITP 0psi, OWU, ND injection tree, NU Weatherford BOP, H/Oiler flushed tbg w/60BW, POOH w/ 126- jts of 2 3/8" tbg breaking collars & applying liquid o-ring to pins, PU PKR w/ 4-jts, set @ 131', H/Oiler filled annulis, Isolated csg, PT to 1500psi, 4.5psi loss per min in 60 min, Repressured to 1550psi, 140psi loss in 30min, Pressured back to 1500psi, SWIFN.....6:30PM TO 7:00PM c/ travl - 5:30AM to 6:00AM: MIRUSU: SICP 80psi SITP 0psi, OWU, ND injection tree, NU Weatherford BOP, H/Oiler flushed tbg w/60BW, POOH w/ 126- jts of 2 3/8" tbg breaking collars & applying liquid o-ring to pins, PU PKR w/ 4-jts, set @ 131', H/Oiler filled annulis, Isolated csg, PT to 1500psi, 4.5psi loss per min in 60 min, Repressured to 1550psi, 140psi loss in 30min, Pressured back to 1500psi, SWIFN.....6:30PM TO 7:00PM c/ travl - 5:30AM to 6:00AM: MIRUSU: SICP 80psi SITP 0psi, OWU, ND injection tree, NU Weatherford BOP, H/Oiler flushed tbg w/60BW, POOH w/ 126- jts of 2 3/8" tbg breaking collars & applying liquid o-ring to pins, PU PKR w/ 4-jts, set @ 131', H/Oiler filled annulis, Isolated csg, PT to 1500psi, 4.5psi loss per min in 60 min, Repressured to 1550psi, 140psi loss in 30min, Pressured back to 1500psi, SWIFN.....6:30PM TO 7:00PM c/ travl **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$368,178

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**7/30/2013 Day: 32**

**Conversion**

NC #1 on 7/30/2013 - Check Psi @ 7:00AM Psi 775, R/U Hotoiler To Cgs Pump Up To 1550 Psi, Watch To 9:00AM It Was 1510 Good Test, POOH W/ Tbg L/D Tools P/U Pker RIH & Test Tbg 3000 Psi, P/U 2 3/8X2 7/8 PBR Perf Pup, 2 7/8 SN, 1 Jt 2 7/8, HRP Pker, 5 Jts 2 7/8, Psi tst Tbg - 5:30AM to 6:00AM C/Travl, Check Psi Csg @ 7:00AM 775 Psi, R/U BMW Hotoiler To Csg Psi Up To 1550 Psi,@ 7:10 AM Check Psi, 7:20AM 1540, 7:30AM 1530, 7:40 AM 1525, 7:50 AM 1515, 8:00 AM 1510, 8:10 AM 1510, 8:20AM 1510, 8:30AM 1510, 8:40AM 1510, 8:50AM 1510, 9:00AM 1510, GOOD Test It Lost 40 Pounds In 1 Hour & Stable Out , Watched For 1 More Hour At 1510 , POOH W/ 4 Jts, L/D Pker, Flush Cgs 25 Bbls Due To Oil. P/U, SN, Arrow Set Pker RIH W/ 119 2 3/8 Tbg, R/U Hotoiler to Tbg Pump 10 BBls Pad, Drop S/V, Pump 10 R/U S/Line RIH To Push S/V To SN, Fill Tbg W/5 Bbls Water, Psi Up To 3000 , Tbg Good Test, P/U 2 3/8 X-Over 2 7/8, PBR, Perf Pup, 2 7/8 SN, 1 Jt 2 7/8, Hrp Pker, 5 Jts 2 7/8 Tbg, Psi Test Tbg To Psi 1170 SWI, 7:00PM C/SPFN, 7:00PM-7:30PM C/Trvl - 5:30AM to 6:00AM C/Travl, Check Psi Csg @ 7:00AM 775 Psi, R/U BMW Hotoiler To Csg Psi Up To 1550 Psi,@ 7:10 AM Check Psi, 7:20AM 1540, 7:30AM 1530, 7:40 AM 1525, 7:50 AM 1515, 8:00 AM 1510, 8:10 AM 1510, 8:20AM 1510, 8:30AM 1510, 8:40AM 1510, 8:50AM 1510, 9:00AM 1510, GOOD Test It Lost 40 Pounds In 1 Hour & Stable Out , Watched For 1 More Hour At 1510 , POOH W/ 4 Jts, L/D Pker, Flush Cgs 25 Bbls Due To Oil. P/U, SN, Arrow Set Pker RIH W/ 119 2 3/8 Tbg, R/U Hotoiler to Tbg Pump 10 BBls Pad, Drop S/V, Pump 10 R/U S/Line RIH To Push S/V To SN, Fill Tbg W/5 Bbls Water, Psi Up To 3000 , Tbg Good Test, P/U 2 3/8 X-Over 2 7/8, PBR, Perf Pup, 2 7/8 SN, 1 Jt 2 7/8, Hrp Pker, 5 Jts 2 7/8 Tbg, Psi Test Tbg To Psi 1170 SWI, 7:00PM C/SPFN, 7:00PM-7:30PM C/Trvl - 5:30AM to 6:00AM C/Travl, Check Psi Csg @ 7:00AM 775 Psi, R/U BMW Hotoiler To Csg Psi Up To 1550 Psi,@ 7:10 AM Check Psi, 7:20AM 1540, 7:30AM 1530, 7:40 AM 1525, 7:50 AM 1515, 8:00 AM 1510, 8:10 AM 1510, 8:20AM 1510, 8:30AM 1510, 8:40AM 1510, 8:50AM 1510, 9:00AM 1510, GOOD Test It Lost 40 Pounds In 1 Hour & Stable Out , Watched For 1 More Hour At 1510 , POOH W/ 4 Jts, L/D Pker, Flush Cgs 25 Bbls Due To Oil. P/U, SN, Arrow Set Pker RIH W/ 119 2 3/8 Tbg, R/U Hotoiler to Tbg Pump 10 BBls Pad, Drop S/V, Pump 10 R/U S/Line RIH To Push S/V To SN, Fill Tbg W/5 Bbls Water, Psi Up To 3000 , Tbg Good Test, P/U 2 3/8 X-Over 2 7/8, PBR, Perf Pup, 2 7/8 SN, 1 Jt 2 7/8, Hrp Pker, 5 Jts 2 7/8 Tbg, Psi Test Tbg To Psi 1170 SWI, 7:00PM C/SPFN, 7:00PM-7:30PM C/Trvl - 5:30AM to 6:00AM C/Travl, Check Psi Csg @ 7:00AM 775 Psi, R/U BMW Hotoiler To Csg Psi Up To 1550 Psi,@ 7:10 AM Check Psi, 7:20AM 1540, 7:30AM 1530, 7:40 AM 1525, 7:50 AM 1515, 8:00 AM 1510, 8:10 AM 1510, 8:20AM 1510, 8:30AM 1510, 8:40AM 1510, 8:50AM 1510, 9:00AM 1510, GOOD Test It Lost 40 Pounds In 1 Hour & Stable Out , Watched For 1 More Hour At 1510 , POOH W/ 4 Jts, L/D Pker, Flush Cgs 25 Bbls Due To Oil. P/U, SN, Arrow Set Pker RIH W/ 119 2 3/8 Tbg, R/U Hotoiler to Tbg Pump 10 BBls Pad, Drop S/V, Pump 10 R/U S/Line RIH To Push S/V To SN, Fill Tbg W/5 Bbls Water, Psi Up To 3000 , Tbg Good Test, P/U 2 3/8 X-Over 2 7/8, PBR, Perf Pup, 2 7/8 SN, 1 Jt 2 7/8, Hrp Pker, 5 Jts 2 7/8 Tbg, Psi Test Tbg To Psi 1170 SWI, 7:00PM C/SPFN, 7:00PM-7:30PM C/Trvl

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$376,469

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**7/31/2013 Day: 33**

**Conversion**

NC #1 on 7/31/2013 - ND BOP, PT tbg, Set pkr, set HPR pkr, run 1.90", MU tbg Hanger, PT csg - 5:30AM to 6:00AM C/Travl, Check tbg pressure, 695psi loss over night, RU & RIH w/ sandline to retrieve Stnd Valve, RD workfloor, ND BOP, Set Arrow 1-X pkr w/ 1500# of tension, Seated 2 7/8" T-16 extended tbg hanger, PT tbg hanger gasket @ 3000psi for 10min, NU 7.3 X 7.3 Spool WH, H/Oiler pmped 5BW pad, Seated Stnd Valv, PT 2 7/8" tbg to 1500psi

for 60min, GOOD TEST!, H/Oiler pumped 15BW down csg w/ PKR fluid, Pressured tbg to 2300psi to set HRP PKR, Retrieved Stnd Valv, XO to 1.90", RU workflow, MU & RIH w/ PBR stinger, PU & spaced out 1.90" as follows: 5- jts =163.26', 5.92' & 1.90'= 7.82' subs, 1- jt= 32.65'- 203.73', Seated stinger into Arrow PKR, MU & seated 1.90 x 2 3/8" TC 1-A extended tbg hanger, NU 7.3 X 2.95 Injection Tree, RD workflow, RU H/Oiler to 7.3 x 7.3 Spool, 9BW to fill annular between PKRs, PT to 1500psi, No pressure loss in 60min, 30psi loss after anouther 60min, engineer requested over night test, SWIFN.....5:30pm to 6:00pm c/travl - 5:30AM to 6:00AM C/Travl, Check tbg pressure, 695psi loss over night, RU & RIH w/ sandline to retrieve Stnd Valve, RD workflow, ND BOP, Set Arrow 1-X pkr w/ 1500# of tension, Seated 2 7/8" T-16 extended tbg hanger, PT tbg hanger gasket @ 3000psi for 10min, NU 7.3 X 7.3 Spool WH, H/Oiler pmped 5BW pad, Seated Stnd Valv, PT 2 7/8" tbg to 1500psi for 60min, GOOD TEST!, H/Oiler pumped 15BW down csg w/ PKR fluid, Pressured tbg to 2300psi to set HRP PKR, Retrieved Stnd Valv, XO to 1.90", RU workflow, MU & RIH w/ PBR stinger, PU & spaced out 1.90" as follows: 5- jts =163.26', 5.92' & 1.90'= 7.82' subs, 1- jt= 32.65'- 203.73', Seated stinger into Arrow PKR, MU & seated 1.90 x 2 3/8" TC 1-A extended tbg hanger, NU 7.3 X 2.95 Injection Tree, RD workflow, RU H/Oiler to 7.3 x 7.3 Spool, 9BW to fill annular between PKRs, PT to 1500psi, No pressure loss in 60min, 30psi loss after anouther 60min, engineer requested over night test, SWIFN.....5:30pm to 6:00pm c/travl - 5:30AM to 6:00AM C/Travl, Check tbg pressure, 695psi loss over night, RU & RIH w/ sandline to retrieve Stnd Valve, RD workflow, ND BOP, Set Arrow 1-X pkr w/ 1500# of tension, Seated 2 7/8" T-16 extended tbg hanger, PT tbg hanger gasket @ 3000psi for 10min, NU 7.3 X 7.3 Spool WH, H/Oiler pmped 5BW pad, Seated Stnd Valv, PT 2 7/8" tbg to 1500psi for 60min, GOOD TEST!, H/Oiler pumped 15BW down csg w/ PKR fluid, Pressured tbg to 2300psi to set HRP PKR, Retrieved Stnd Valv, XO to 1.90", RU workflow, MU & RIH w/ PBR stinger, PU & spaced out 1.90" as follows: 5- jts =163.26', 5.92' & 1.90'= 7.82' subs, 1- jt= 32.65'- 203.73', Seated stinger into Arrow PKR, MU & seated 1.90 x 2 3/8" TC 1-A extended tbg hanger, NU 7.3 X 2.95 Injection Tree, RD workflow, RU H/Oiler to 7.3 x 7.3 Spool, 9BW to fill annular between PKRs, PT to 1500psi, No pressure loss in 60min, 30psi loss after anouther 60min, engineer requested over night test, SWIFN.....5:30pm to 6:00pm c/travl - 5:30AM to 6:00AM C/Travl, Check tbg pressure, 695psi loss over night, RU & RIH w/ sandline to retrieve Stnd Valve, RD workflow, ND BOP, Set Arrow 1-X pkr w/ 1500# of tension, Seated 2 7/8" T-16 extended tbg hanger, PT tbg hanger gasket @ 3000psi for 10min, NU 7.3 X 7.3 Spool WH, H/Oiler pmped 5BW pad, Seated Stnd Valv, PT 2 7/8" tbg to 1500psi for 60min, GOOD TEST!, H/Oiler pumped 15BW down csg w/ PKR fluid, Pressured tbg to 2300psi to set HRP PKR, Retrieved Stnd Valv, XO to 1.90", RU workflow, MU & RIH w/ PBR stinger, PU & spaced out 1.90" as follows: 5- jts =163.26', 5.92' & 1.90'= 7.82' subs, 1- jt= 32.65'- 203.73', Seated stinger into Arrow PKR, MU & seated 1.90 x 2 3/8" TC 1-A extended tbg hanger, NU 7.3 X 2.95 Injection Tree, RD workflow, RU H/Oiler to 7.3 x 7.3 Spool, 9BW to fill annular between PKRs, PT to 1500psi, No pressure loss in 60min, 30psi loss after anouther 60min, engineer requested over night test, SWIFN.....5:30pm to 6:00pm c/travl **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$383,896

**8/1/2013 Day: 34**

**Conversion**

NC #1 on 8/1/2013 - Check pressure, GOOD TEST, RDMOSU - 5:30AM to 6:00AM C/Travl, Check csg pressure, 1470psi, NO PRESSURE LOSS over night, GOOD TEST!, RDMOSU....FINAL RIG REPORT!! READY FOR MIT!! - 5:30AM to 6:00AM C/Travl, Check csg pressure, 1470psi, NO PRESSURE LOSS over night, GOOD TEST!, RDMOSU....FINAL RIG REPORT!! READY FOR MIT!! - 5:30AM to 6:00AM C/Travl, Check csg pressure, 1470psi, NO PRESSURE LOSS over night, GOOD TEST!, RDMOSU....FINAL RIG REPORT!! READY FOR MIT!! - 5:30AM to 6:00AM C/Travl, Check csg pressure, 1470psi, NO PRESSURE LOSS over night, GOOD TEST!, RDMOSU....FINAL RIG REPORT!! READY FOR MIT!! **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$409,588

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**8/5/2013 Day: 35**

**Conversion**

Rigless on 8/5/2013 - Conduct initial MIT - Initial MIT on the above listed well. On 08/01/2013 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09930 - Initial MIT on the above listed well. On 08/01/2013 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09930 - Initial MIT on the above listed well. On 08/01/2013 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09930 - Initial MIT on the above listed well. On 08/01/2013 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09930 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$435,300

---

**Pertinent Files: Go to File List**

Spud Date: 12/27/1984

Put on Production: 3/10/1985

GL: 5134' KB: 5124'

## Getty 7-C-9-17

Injection Wellbore  
DiagramInitial Production: 60 BOPD,  
40 MCFD, NM BWPDSURFACE CASING

CSG SIZE: 8-5/8"

GRADE:

WEIGHT: 24#

LENGTH: 211'

DEPTH LANDED: 225' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 250 sxs Class "G" cement

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 139 jts. (5581')

DEPTH LANDED: 5595' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 280 sxs Hilift &amp; 475 sxs Class "H"

CEMENT TOP AT: 3700' per CBL

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#

TBG HANGER 2-7/8" (0.9)

NO. OF JOINTS: 5 jts (156.5')

HPR PACKER 5-1/2 x 2-7/8 CE @ 173.29'

NO. OF JOINTS: 1 jt (31.9)

SEATING NIPPLE 2-7/8" (1.10')

SN LANDED AT: 209.6' KB

PERFORATED PUP 2-7/8" N-80 AT: 210.7'

PBR SUB 2-7/8" AT: 217.0'

XO 2-3/8 x 2-7/8 J-55 AT: 221.8'

NO. OF JOINTS: 119 jts (3788.7')

SEATING NIPPLE 2-7/8" (1.10')

SN LANDED AT: 4011.1' KB

XO 2-3/8 x 2-7/8 J-55 AT: 4012.2'

ARROW #1 PACKER CE AT: 4015.03'

RE ENTRY GUIDE AT: 4019.7'

TOTAL STRING LENGTH: EOT @ 4020.11'

INNER STRING

1" X 2.375 XO 1.9" tbg

NO. OF JOINTS: 1 jt (33')

TBG SUB AT: 33'

TBG SUB AT: 39'

TBG 1.90" (163')

PBR STINGER AT: 204'

FRAC JOB

2/13/85 5071'-5116'

**Frac zone as follows:**152,000# 20/40 sand in 1380 bbls frac fluid.  
Treated @ avg press of 2000 psi w/avg rate of  
40 BPM. ISIP 2180 psi. Calc. flush: 5071 gal.  
Actual flush: 5460 gal.

2/20/85 4913'-4956'

**Frac zone as follows:**85,000# 20/40 sand in 360 bbls frac fluid.  
Treated @ avg press of 3000 psi w/avg rate of  
35 BPM. ISIP 3710 psi. Screened out

2/23/85 4753'-4788'

**Frac zone as follows:**90,000# 20/40 sand in 893 bbls frac fluid.  
Treated @ avg press of 2400 psi w/avg rate of  
40 BPM. ISIP 4000 psi. Calc. flush: 4753 gal.  
Actual flush: 4746 gal. Reported screened out

5/30/85 4070'-4192'

**Frac zone as follows:**70,000# 20/40 sand in 1450 bbl frac fluid.  
Treated @ avg press of 1920 psi w/avg rate of  
35 BPM. ISIP 1780 psi. Calc. flush: 4070 gal.  
Actual flush: 4079 gal.

4/13/93

**Acidize** 4070'-4192' w/ 12 bbl 15% HCl.**Acidize** 4753'-5116' w/ 24 bbl 15% HCl.

10/28/02

**Pump Change.** Update Rod and Tbg detail.

06/11/03

**Pump Change.** Update Rod and Tbg detail.

05/06/04

**Tubing leak.** Update rod and tubing detail.

7/9/07

**Pump change.** Updated Rod & Tubing detail.

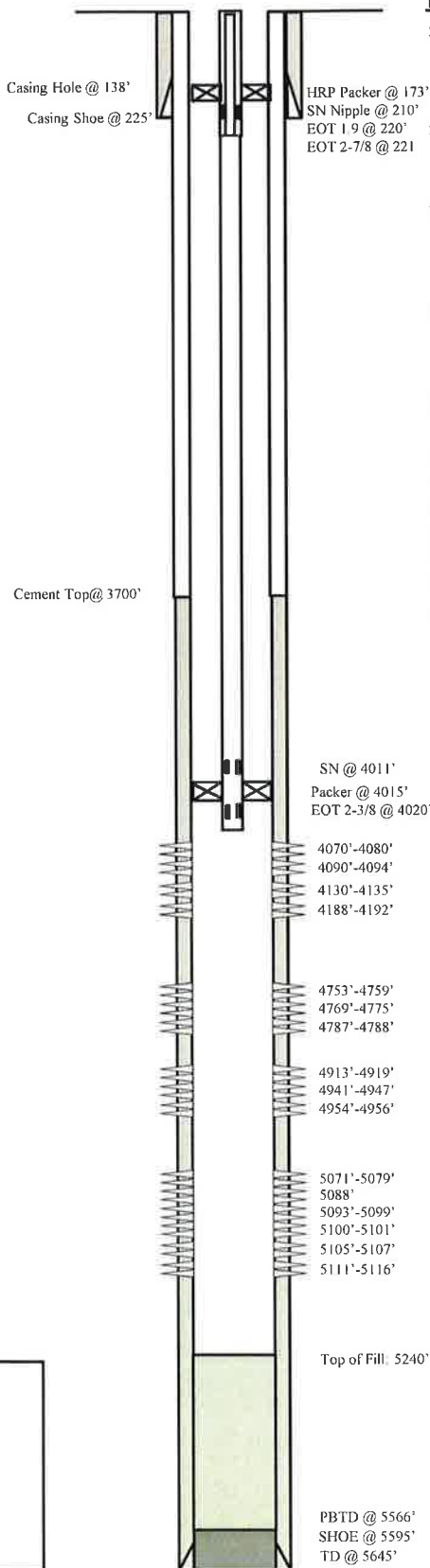
3/31/09

**Tubing Leak.** Updated r & t details.

08/01/13

**Convert to Injection Well**

08/01/13

**Conversion MIT Finalized-** update tbg detailPERFORATION RECORD

2/14/85	5111'-5116'	4 JSPF	20 holes
2/14/85	5105'-5107'	4 JSPF	08 holes
2/14/85	5100'-5101'	4 JSPF	04 holes
2/14/85	5093'-5099'	4 JSPF	24 holes
2/14/85	5088'	4 JSPF	04 holes
2/14/85	5071'-5079'	4 JSPF	32 holes
2/19/85	4954'-4956'	4 JSPF	08 holes
2/19/85	4941'-4947'	4 JSPF	24 holes
2/19/85	4913'-4919'	4 JSPF	24 holes
2/23/85	4787'-4788'	4 JSPF	04 holes
2/23/85	4769'-4775'	4 JSPF	24 holes
2/23/85	4753'-4759'	4 JSPF	24 holes
5/30/85	4188'-4192'	4 JSPF	16 holes
5/30/85	4130'-4135'	4 JSPF	20 holes
5/30/85	4090'-4094'	4 JSPF	16 holes
5/30/85	4070'-4080'	4 JSPF	40 holes

NEWFIELD

Getty 7-C-9-17

1129' FNL &amp; 2229' FWL

NENW Section 7-T9S-R17E

Duchesne Co, Utah

API #43-013-30961; Lease #UTU-44426

PBRD @ 5566'

SHOE @ 5595'

TD @ 5645'

LCN 08/07/13

**BALCRON OIL****WELL REPORT**

WELL NAME: Getty #7-C  
FIELD: Monument Butte  
FEDERAL LEASE NO.: U-44426  
LOCATION: NE NW Sec.7,T9S,R17E  
COUNTY/STATE: Duchesne County,Utah  
WORKING INTEREST: 0.79942652  
PRODUCING FORMATION: Green River  
COMPLETION DATE: 3-4-85  
INITIAL PRODUCTION: 60 STBOPD, 40 MCFPD, 0 STBWD  
OIL/GAS PURCHASER: Amoco/Universal Resources  
PRESENT PROD STATUS: 6 STBOPD, 0 MCFPD, 5 STBWD  
ELEVATIONS - GROUND: 5319'  
TOTAL DEPTH: 5645' KB

DATE: 2-18-94 lac  
API NO.: 43-013-30961

NET REVENUE INT.: 0.72981781 Oil  
0.65881769 Gas  
SPUD DATE: 12-27-84  
OIL GRAVITY: 33 API  
BHT: 130 Deg.F  
KB: 5333' (14' KB)  
PLUG BACK TD: 5566' KB

**SURFACE CASING**

-----  
STRING: 1  
CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24 lbs.  
LENGTH: 211'  
DEPTH LANDED: 225' KB  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 250 sxs Class G

**PRODUCTION CASING**

-----  
STRING: 1  
CSG SIZE: 5 1/2"  
GRADE: J-55  
WEIGHT: 15.5 lbs  
LENGTH: 139 jts @ 5581'  
DEPTH LANDED: 5595' KB  
HOLE SIZE: 7 7/8"  
CEMENT DATA: 280 sxs Lift &  
475 sxs Class H  
CEMENT TOP AT: 3700' KB from CBL

**TUBING RECORD**

-----  
SIZE/GRADE/WT.: 2 3/8", 4.7#  
NO. OF JOINTS: 160 jts @ 5066'  
TUBING ANCHOR: None  
NO. OF JOINTS: NA  
SEATING NIPPLE: 2 3/8" x 1.10'  
PERF. SUB: None  
MUD ANCHOR: 2 3/8" x 31' (notched collar)  
TOTAL TUBING LENGTH: 5112' KB  
SN LANDED AT: 5081' KB

**SUCKER ROD RECORD**

-----  
1 - 1 1/4" x 22' Polished Rod  
1 - 3/4" x 6' Pony  
1 - 3/4" x 8' Pony  
201 - 3/4" x 25' Rods

PUMP SIZE: 2" x 1 1/4" x 16' RHAC  
STROKE LENGTH:  
PUMP SPEED, SPM:  
PUMPING UNIT SIZE:

LOGS: Compensated Density, Compensated Neutron,  
Micro Spherically Focused Log, Dual  
Laterolog

**PERFORATION RECORD**

-----  
4753'-4759' (6') 4 SPF  
4769'-4775' (6') 4 SPF  
4787'-4788' (1') 4 SPF  
4913'-4919' (6') 4 SPF  
4941'-4947' (6') 4 SPF  
4954'-4956' (2') 4 SPF  
5071'-5079' (8') 4 SPF  
5088' (1') 4 SPF  
5093'-5099' (6') 4 SPF  
5100'-5101' (1') 4 SPF  
5105'-5107' (2') 4 SPF  
5111'-5116' (5') 4 SPF

**ACID/BREAKDOWN JOB**

-----  
5071'-5116' Breakdown @ 3100#, broke  
back @ 4.5 BPM. 1850# @ 25 BPM. Ball  
off 150 bbls.

**FRAC JOB**

-----  
\*\*\*SEE NEXT PAGE\*\*\*

Getty #7-C  
Monument Butte  
U-44426  
NE NW Sec.7,T9S,R17E  
Duchesne County,Utah

#### FRAC JOB

-----  
4753'-4788', Frac w/Halliburton on 2-23-85  
27,380 gals Versagel w/103,720 lbs 20-40  
sand. Avg 40 BPM @ 2400 psig, Max 60 BPM  
@ 4600 psig. ISIP @ 4000 psig, 5 min @  
1960 psig, 10 min @ 1540 psig, 15 min @  
1420 psig.

4913'-4956', Frac w/Halliburton on 2-19-85.  
15,130 gals Versagel w/85,000 lbs 20-40  
sand. Avg 35 BPM @ 3000 psig, Max 39 BPM @  
4500 psig. ISIP @ 3710 psig, 5 min @ 2750  
psig, 10 min @ 2380 psig, 15 min @ 2160 psig.

5071'-5116', Frac w/Halliburton on 2-13-85.  
27,260 gals Versagel w/154,080 lbs 20-40  
sand. Avg 40 BPM @ 2000 psig, Max 53.5 BPM  
@ 2800 psig. ISIP @ 2180 psig, 5 min @ 2060  
psig, 10 min @ 2000 psig, 15 min @ 1970 psig.

GETTY #7-C  
NE NW SEC.7,T9S,R17E  
Lease No. U-44426  
MONUMENT BUTTE FIELD/JONAH UNIT  
DUCHESNE COUNTY, UTAH

BALCRON OIL  
2-18-94 lac

Wellbore Diagram

SURFACE CASING

8 5/8", 24#  
Length @ 211'  
Landed @ 225' KB  
Cemented w/ 250 sxs Class G  
Hole Size @ 12 1/4"

PRODUCTION CASING

5 1/2", 15.5#  
139 jts @ 5581'  
Landed @ 5595' KB  
Cemented w/280 sxs Lift &  
475 sxs Class H  
Hole Size @ 7 7/8"  
Cement Top @ 3700' KB from CBL

TUBING

2 3/8", 4.7#  
160 jts @ 5066'  
SN @ 2 3/8" x 1.10'  
Mud Anchor @ 2 3/8" x 31' w/N.C.  
Total Tbg Length @ 5112'  
SN Landed @ 5081' KB

SUCKER RODS

1 - 1 1/4" x 22' Polished Rod  
1 - 3/4" x 6' Pony  
1 - 3/4" x 8' Pony  
201 - 3/4" x 25' Rods

PUMP SIZE: 2" x 1 1/4" x 16' Top Cup Pump  
STROKE LENGTH:  
PUMP SPEED, SPM:  
PUMPING UNIT SIZE:

LOGS: Compensated Density, Compensated Neutron,  
Micro Spherically Focused Log, Dual  
Laterolog

ACID/BREAKDOWN JOB

5071'-5116' Breakdown @ 3100#, broke  
back @ 4.5 BPM. 1850# @ 25 BPM. Ball  
off 150 bbls.

FRAC JOB

4753'-4788' 4753'-4788' Sand Frac with  
27,380 gals 90,000 lbs. 20-40 sand.  
sand. Avg 40 BPM @ 2400 psig, Max 60 BPM  
@ 4600 psi 4913'-4956' Sand Frac with  
1960 psig, 85,000 lbs. 20-40 sand.  
1420 psig.

4913'-4956' 152,000 lbs. 20-40 sand.  
15,130 gals Versagel w/85,000 lbs 20-40  
sand. Avg 35 BPM @ 3000 psig, Max 39 BPM @  
4500 psig. ISIP @ 3710 psig, 5 min @ 2750  
psig, 10 min @ 2380 psig, 15 min @ 2160 psig.

5071'-5116', Frac w/Halliburton on 2-13-85.  
27,260 gals Versagel w/154,080 lbs 20-40  
sand. Avg 40 BPM @ 2000 psig, Max 53.5 BPM  
@ 2800 psig. ISIP @ 2180 psig, 5 min @ 2060  
psig, 10 min @ 2000 psig, 15 min @ 1970 psig.

PERFORATION RECORD

4753'-4759' (6') 4 SPF  
4769'-4775' (6') 4 SPF  
4787'-4788' (1') 4 SPF  
4913'-4919' (6') 4 SPF  
4941'-4947' (6') 4 SPF  
4954'-4956' (2') 4 SPF  
5071'-5079' (8') 4 SPF  
5088' (1') 4 SPF  
5093'-5099' (6') 4 SPF  
5100'-5101' (1') 4 SPF  
5105'-5107' (2') 4 SPF  
5111'-5116' (5') 4 SPF

PBTD @ 5566' KB  
TD @ 5645' KB